Environnement Canada Environment Canada

Sommaire chronologique des niveaux d'eau

Québec

Historical Water Levels Summary

JUSQU'À/TO **1985**

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES ET DES TERRES
RÉGION DU QUÉBEC
QUANTITÉ ET QUALITÉ DE L'EAU
LONGUEUIL (QUÉBEC)
CANADA, 1987

INLAND WATERS/LANDS DIRECTORATE
QUEBEC REGION
WATER QUANTITY AND QUALITY BRANCH
LONGUEUIL, QUEBEC
CANADA, 1987

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES ET DES TERRES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1987

INLAND WATERS/LANDS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1987

Publié avec l'autorisation
du ministre de l'Environnement

Published by authority of
the Minister of the Environment

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Nº de cat. En 36-409/9-1985

ISBN 0-662-55057-9

© Minister of Supply and Services Canada 1987

Cat. No. En 36-409/9-1985

ISBN 0-662-55057-9

AVANT–PROPOS

La Division des relevés hydrologiques du Canada sous l'autorité du Directeur de la Direction des ressources en eau, ministère de l'Environnement (Ottawa) a préparé la présente publication en collaboration avec la Direction régionale des eaux intérieures et des terres, région du Québec.

Le Directeur régional de la région du Québec, Direction générale des eaux intérieures et des terres, a autorisé la cueillette et la compilation des données de base et ce sous direction du Chef des programmes de la quantité et de la qualité de l'eau, à Longueuil (Québec).

On remercie vivement les organismes fédéraux, provinciaux, ou autres, pour la coopération qu'ils ont apportée.

PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment (Ottawa) in collaboration with the Quebec Region, Inland Waters/Lands Directorate.

The basic data were collected and compiled under the authority of the Regional Director, Quebec Region, Inland Waters/Lands Directorate, and under the direction of the Chief of the Water Quantity and Quality Programs Branch at Longueuil, Quebec.

The co-operation received from federal and provincial agencies and from other organizations is gratefully acknowledged.

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INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente un sommaire des moyennes mensuelles et annuelles des niveaux d'eau et des extrêmes annuels de lacs et de cours d'eau du Québec, pour lesquels la Division des relevés hydrologiques du Canada a obtenu des données jusqu'en 1985 inclusivement. La présente publication annule toutes les éditions antérieures.

La cueillette et la publication de données sur les eaux de surface sont en oeuvre depuis plus de 75 années au Canada. Les données obtenues à partir des relevés hydrométriques sont publiées annuellement.

On peut se procurer les données sur les niveaux d'eau sous forme de cartes perforées ou de rubans magnétiques pour traitement sur ordinateur. En s'adressant aux endroits ci-après, on peut obtenir ces données, des renseignements supplémentaires sur certaines stations particulières et divers relevés ainsi que des données récentes non encore publiées:

Chef, Division des programmes de la quantité et de la qualité de l'eau
Ministère de l'Environnement
2e étage
1001, rue Pierre Dupuy
Longueuil (Québec)
J4K 1A1
(514 646-1035)

ou au Directeur, Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0E7

INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents a summary of monthly and annual mean water levels and annual extremes of water levels for lakes and rivers in Quebec for which water level data to 1985 inclusive have been collected by the Water Survey of Canada. This edition supersedes all previous editions.

A program for the collection and publication of Surface Water Data has been carried on across Canada for over 75 years. The results of these hydrometric survey investigations have been published annually.

Water level data are available on punched cards or magnetic tape for computer processing. These data and details on individual stations and related records, as well as recent data which have not yet been published may be obtained upon application to:

Chief, Water Quantity and Quality Programs Branch,
Department of the Environment,
2nd Floor,
1001 Pierre Dupuy Street,
Longueuil, Quebec.
J4K 1A1
(514 646-1035)

or to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0E7.

ORGANISATION DE LA DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES ET DES TERRES, RÉGION DU QUÉBEC

L'organisation du ministère de l'Environnement est largement décentralisée. La planification et la gestion des eaux et les programmes de gestion des données sont administrés par la Direction générale des eaux intérieures et des terres, Conversation et protection.

La Direction des eaux intérieures et des terres, région du Québec, est composée de deux éléments principaux. Les responsabilités de la Direction de la planification et de la gestion des eaux comprennent la réalisation d'études integrées de bassins versants et la coordination d'études conjointes avec les autorités provinciales, tant au niveau de la régularisation des eaux et du contrôle des inondations, que de la gestion de la qualité; la Direction participe de plus à l'aménagement des ressources en eau sur les territoires fédéraux, et à l'évaluation des incidences environnementales de projets sous la responsabilité de ministères ou d'organismes fédéraux.

Le deuxième élément, la Division des programmes de la quantité et de la qualité de l'eau, s'occupe principalement de la cueillette et de la publication des données hydrologiques de base, des études de la qualité des eaux et de l'analyse des échantillons d'eau aux laboratoires Capitaine Bernier de Longueuil.

La Direction des eaux intérieures et des terres, région du Québec, est impliquée dans la coordination de plusieurs programmes de planification, de gestion, d'utilisation et d'aménagement des eaux en quantité et en qualité au Québec. Des activités comprennent d'incidence des pluies acides, les évaluations environnementales, la gestion de la qualité des eaux, la réduction des dommages causés par les inondations et la gestion des eaux limitrophes internationales. Le Ministère accorde aussi des subventions à la recherche aux universités et aux industries.

Pour obtenir des renseignements supplémentaires sur les programmes des activités énoncées, il suffit de s'adresser au:

Directeur régional
Direction générale des eaux intérieures et des terres
Conservation et protection
Ministère de l'Environnement
1141, route de l'Eglise, 8e étage
Case postale 10,100
Sainte-Foy (Québec)
G1V 4H5
(418 648-3921)

ORGANIZATION OF THE INLAND WATERS/LANDS DIRECTORATE, QUEBEC REGION

The organization of the Department of the Environment is largely decentralized. Water planning and management and data programs are administered by the Conservation & Protection, Inland Waters/Lands Directorate.

The Quebec Region, Inland Waters/Lands Directorate, comprises two major components. The main responsibilities of the Water Planning and Management Branch with provincial authorities dealing with the regulation of water levels, flood control and water quality management. The Branch is also involved in the management of water resources on federal lands and in environmental impact assessment studies on projects conducted by federal departments or agencies.

The second component, the Water Quantity and Quality Programs Branch, is mainly responsible for collecting and publishing hydrological base data, monitoring water quality and analyzing water samples at the Capitaine Bernier laboratories in Longueuil.

The Quebec Region, Inland Waters/Lands Directorate, is involved in the co-ordination of several water quality and quantity planning, management, utilization and development programs in Quebec. Activities include acid rain assessment, environmental evaluation, water quality management, flood damage reduction and management of international boundary waters. The Department also issues research grants to universities and private industry.

For additional information on the programs of the activities listed above, please contact the:

Regional Director,
Inland Waters/Lands Directorate,
Conservation & Protection,
Department of the Environment,
1141, route de l'Eglise, 8th Floor,
P.O. Box 10,100,
Sainte-Foy, Quebec.
G1V 4H5
(418 648-3921)

HISTORIQUE DES RELEVÉS HYDROLOGIQUES AU QUÉBEC

Le ministère québécois des Terres et Forêts a effectué les relevés hydrométriques entre 1906 et 1912, et à compter de 1913, c'est la Commission des eaux courantes qui s'en est occupée. Conformément à une entente de coopération fédérale-provinciale mise en vigueur le 1er octobre 1922, les relevés hydrométriques effectués dans la province de Québec ont été confiés à des organismes fédéraux. Le 1er avril 1964, le ministère de l'Environnement du Québec est devenu responsable de la conduite des relevés hydrométriques portant sur la majorité des cours d'eau du Québec. La Division des relevés hydrologiques du Canada continue depuis, l'exploitation d'un réseau de stations hydrométriques fédérales dans l'intérêt de la navigation, sur les eaux interprovinciales et sur les eaux internationales.

Le Canada et le Québec ont signé un accord prenant effet le 1er avril 1975, relativement au financement de la cueillette des données hydrométriques effectuée par le ministère de l'Environnement du Québec. Selon les termes de cet accord, le gouvernement fédéral assume la totalité des frais de cueillette des données sur les niveaux et débits aux stations jugées d'intérêt fédéral, alors que dans les cas des stations d'intérêt mutuel, les frais sont partagés de façon égale avec la province.

Le ministère de l'Environnement du Québec publie pour chaque année hydrologique (octobre à septembre), les données recueillies par la Direction générale des Eaux de leur réseau de stations hydrométriques.

À chaque année, la Direction des Inventaires du ministère de l'Environnement publie aussi un *Répertoire hydrologique* contenant des répertoires météorologiques, hydrométriques et de la qualité des eaux. Pour plus amples renseignements sur les réseaux de stations exploités par la province, il faut communiquer à la source d'information suivante:

Le Directeur
Direction des relevés aquatiques
Ministère de l'Environnement du Québec
3900, rue Marly, 5e étage
Boite postale 39
Sainte-Foy (Québec)
G1X 4E4

Pour tous renseignements relatifs aux niveaux et débits des cours d'eau, il suffit de s'adresser au:

Chef
Service des eaux de surface
Ministère de l'Environnement du Québec
2345, rue Dalton
Sainte-Foy (Québec)
G1P 3S3

HISTORY OF WATER SURVEYS IN QUEBEC

Between 1906 and 1912, hydrometric surveys were carried out by the Quebec Department of Lands and Forests; in 1913, the surveys were taken over by the *Commission des eaux courantes* (Waterways Commission). Under a co-operative federal-provincial agreement effective October 1, 1922, the province of Quebec was included in hydrometric surveys carried out by federal agencies. On April 1, 1964, the *ministère de l'Environnement du Québec* became responsible for conducting hydrometric surveys on most of the watercourses in the province. The Water Survey of Canada Division continues to operate a network of strictly federal hydrometric stations in the province in the interest of navigation in interprovincial and international waters.

Under a federal-provincial agreement that went into effect April 1, 1975, Canada and Quebec signed an agreement on the collection of hydrometric data by virtue of which the *ministère de l'Environnement du Québec* will collect most data on water levels and flows in the province and the federal government will reimburse Quebec the cost of collecting those data which are of interest to the Federal government, and share the cost of those stations of mutual interest.

The *ministère de l'Environnement du Québec* publishes, for each hydrological year (October to September) the data collected by the *Direction générale des Eaux* from their network of hydrometric stations.

Each year, the *Direction des Inventaires du ministère de l'Environnement* also publishes a hydrological index containing meteorological, hydrometric and water quality indexes. For further information on provincially-operated station networks, please contact the following:

Director,
Direction des relevés aquatiques,
Ministère de l'Environnement du Québec,
3900 Marly Street, 5th Floor,
Postal Box 39,
Sainte-Foy, Quebec.
G1X 4E4

For information on water levels and flows, please contact:

Chief,
Surface Waters Branch,
Ministère de l'Environnement du Québec,
2345 Dalton Street,
Sainte-Foy, Quebec.
G1P 3S3

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La présente publication renferme les données sur les niveaux d'eau annuels enregistrés au réseau de mesure des marées et des niveaux d'eau sur le fleuve Saint-Laurent en amont du lac St-Pierre, au Québec. Ces données sont recueillies et préparées en vertu d'un protocole d'entente conclu entre le Service de la conservation de l'environnement et les Sciences et levés océaniques. Ce protocole reconnaît que les deux parties sont tenues de recueillir et de publier des données sur les niveaux d'eau pour leurs propres besoins de gestion des eaux et de navigation. À cette fin, la Direction des ressources en eau exploite et entretient les jauges appartenant au Service hydrographique du Canada, tandis que la Direction des services des données sur le milieu marin des Sciences et levés océaniques s'occupe de la préparation des données. Avant 1981, le Service hydrographique du Canada a compilé et publié ces données dans le cadre d'une série annuelle intitulée: «Niveaux d'eau: Moyennes journalières», série qui continuera de paraître pour les stations situées en aval du lac St-Pierre, sur le Saint-Laurent, et sur les côtes maritimes.

La Division des relevés hydrologiques du Canada est redevable à maints organismes de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques.

On trouvera les noms des organismes dans l'*Index de référence des données sur les eaux de surface* et dans les publications annuelles des *Données sur les eaux de surface*. Les noms des organismes qui ont fourni des données apparaissent dans la présente publication sous les stations particulières.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

This publication includes the annual water level data for the Tides and Water Level Network in Quebec on the St. Lawrence River upstream of Lac St. Pierre. These data are collected and prepared under a Memorandum of Understanding between the Environmental Conservation Service and Ocean Science and Surveys. This memorandum recognizes the need for both parties to collect and publish water level data for their respective needs of management of the water resources and navigation. Under the memorandum the Water Resources Branch operates and maintains the water level gauges owned by the Canadian Hydrographic Service and the data are prepared by the Marine Environmental Data Services Branch of Ocean Science and Surveys. The data prior to 1981 were compiled and published by the Canadian Hydrographic Service in an annual publication series entitled "Water levels, Daily Means" which will continue for the stations downstream of Lac St. Pierre on the St. Lawrence and on the marine coasts.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to many organizations.

The names of these organizations are given in the Surface Water Data Reference Index and the annual Surface Water Data publications. The names of agencies which have contributed data for publication are identified herein under individual stations.

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes
1 dam^3 (décamètre cube) vaut 1000 m^3 (mètres cubes)
1 dam^3 (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km^2 (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit - 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet
1 dam^3 (cubic decametre) equals 1000 m^3 (cubic metres)
1 dam^3 (cubic decametre) equals 1 mm (millimetre) over 1 km^2 (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit - 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations

sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

De 1948 à 1960, on a recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenant des données sur les sédiments a paru dans la série intitulée *Water Resources Paper*; elle présentait un choix de ces données ainsi que des données recueillies en 1961 avant le 30 septembre à des stations établies pour la réalisation du programme permanent. La deuxième publication a porté sur les données recueillies dans le cadre du programme au cours des années hydrologiques 1962 et 1963. Par la suite, les données ont été publiées annuellement sous le titre *Données sur les sédiments - rivières canadiennes*. Depuis 1978, les données sont exprimées en unités du Système international (SI).

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Water Resources Paper series containing sediment data incorporated a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue was a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* have been published annually. The sediment data since 1978 have been presented entirely in the International System of Units (SI).

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

Un *Index de référence des données sur les sédiments* est publié. La première édition portait sur les données disponibles jusqu'en 1972. Les emplacements où des données sur les sédiments ont été recueillies au Canada par la Division des relevés hydrologiques y sont présentés sous forme de tableau. L'*Index* est subdivisé selon l'ordre alphabétique par province ou territoire, et les stations de mesure des sédiments sont classées par ordre alphabétique. À partir de 1978, les données sont exprimées en unités du Système international (SI). L'*Index* est publié tous les deux ans; l'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour effectuées depuis la dernière parution.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations in Canada where sediment data were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations also listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions because it contains any corrections or additions since the last publication.

Une autre série de publications a porté le titre *Sommaire chronologique des données sur les sédiments de rivières canadiennes*. La première édition renfermait les données disponibles jusqu'en 1974. Cette série présentait un résumé donnant les moyennes mensuelles et annuelles historiques du débit des sédiments en suspension, les valeurs annuelles extrêmes de la concentration journalière et du débit journalier des sédiments en suspension et le débit annuel total des sédiments en suspension. À partir de 1978, les données ont été présentées en unités du Système international (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

EXPLICATION DU *SOMMAIRE CHRONOLOGIQUE DES NIVEAUX D'EAU*

A. Description générale

On trouve les renseignements descriptifs pour une station des relevés des niveaux d'eau, sous l'extrait des moyennes mensuelles et annuelles. Il s'agit de la latitude et de la longitude; de la superficie du bassin versant; du débit reconnu comme naturel ou régularisé (on indique l'année où la régularisation a débuté, si elle est connue); des stations internationales de jaugeage et des noms des organismes ayant fourni des données ainsi que des précisions sur les conditions spéciales qui prévalaient à la station (elles figurent dans les «Remarques»).

On trouvera également ces renseignements descriptifs (sauf les «Remarques») dans l'*Index de référence des données sur les eaux de surface* et dans les publications annuelles des *Données sur les eaux de surface*. Cependant, ces dernières traitent d'information additionnelles telles que du type de jauge, de la période d'enregistrement et d'autres remarques pertinentes. Les données historiques sur les niveau d'eau, qui sont contenues dans la présente publication, sont subdivisées en ordre alphabétique selon les provinces ou les territoires comme pour les publications annuelles des *Données sur les eaux de surface*. Par contre, le *Sommaire cronologique des niveaux d'eau* contient des données non seulement de stations en opération, mais aussi de stations qui ne le sont plus; aucune donnée sur le débit n'est toutefois fournie. Cette publication paraîtra tous les deux ans et portera sur les données de toutes les stations de relevés des niveau d'eau pour toute la période d'enregistrement plutôt que sur les données qui ne couvrent que les deux années.

B. Présentation sous forme de tableaux des données

Pour les stations où on a effectué un relevé systématique des niveaux d'eau, les données suivantes sont présentées pour la période d'enregistrement allant jusqu'en 1985 inclusivement:

1. Un extrait des moyennes mensuelles et annuelles;
2. Un tableau des valeurs annuelles maximales instantanées;
3. Un tableau des valeurs quotidiennes maximale et minimale annuelles;
4. Un tableau des valeurs extrêmes enregistrées pour toute la période d'observation;
5. Le plan de référence auquel les niveaux d'eau sont reportés.

Les symboles normalisés donnés ci-après sont inscrits à côté des niveaux d'eau quotidiens auxquels ils se rapportent. Les symboles ne sont fournis ni avec les niveaux d'eau moyens mensuels, ni avec les niveaux d'eau moyens annuels, mais ils paraissent avec les valeurs appropriées, c'est-à-dire la valeur instantanée maximale annuelle et les valeurs quotidiennes maximale et minimale annuelles.

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne quotidienne pour l'année en question. Toute station peut comporter diverses périodes où les relevés sont effectués soit à partir d'une jauge enregistreuse, soit à l'aide d'une jauge manuelle. Pour obtenir d'autres renseignements sur le genre de jauge qui a servi lors de la période d'observation, il faut consulter l'*Index de référence des données sur les eaux de surface*.

EXPLANATION OF HISTORICAL WATER LEVELS SUMMARY PUBLICATION

A. General Description

Descriptive information about a gauging station is given herein below the table of monthly and annual mean water levels. This refers to such items as latitude and longitude, drainage area and whether the flow is natural or regulated (the year that regulation began is given, if known); International Gauging Stations are identified and the names of co-operating agencies who supply data are given; unusual conditions are explained under "Remarks".

This descriptive information (except the "Remarks" statement) is also given in the Surface Water Data Reference Index and the annual Surface Water Data publications. However, these two publications contain additional information not given herein such as the type of gauge, period of record and other pertinent remarks. Historical water level data as contained herein are published by province or region and also in alphabetical order as in the annual Surface Water Data publications. However, the Historical Water Levels Summary publications contain data for both active and discontinued water level stations and do not contain any discharge data. These publications will be published every two years and will contain data for all water level stations for the entire period of record not just the data for the intervening two years.

B. Method of Tabulation of Data

For gauging stations where systematic water level data have been obtained, the following are given for the period of record to 1985 inclusive:

1. Summary of monthly and annual mean water levels;
2. Annual maximum instantaneous water levels;
3. Annual maximum and minimum daily water levels;
4. Identification of the extreme recorded for the period of record;
5. Datum to which water levels are referred.

The following standard symbols are used opposite the daily stage to which they apply. These symbols will not appear opposite the monthly and annual mean water levels, but will appear with the annual maximum instantaneous value and the annual maximum and minimum daily values, if applicable:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge during that particular year. A station may have several periods of recording or manual gauges throughout its history. For more details concerning the type of gauge operated during the period of record, the *Surface Water Data Reference Index* should be consulted.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

R – Révisé – indique qu'il y a eu révision, correction ou addition à la base des données chronologiques des après le 1er janvier 1980.

1. *L'extrait des moyennes mensuelles et annuelles* (The summary of monthly and annual mean water levels) donne:

   (a) la moyenne mensuelle, exprimée en mètres, des valeurs quotidiennes des niveaux d'eau pour le mois entier. Pour les stations où on n'a mesuré les niveaux d'eau quotidiens que pour une partie du mois, les données paraissent dans les publications annuelles ou peuvent être obtenues du chef régional;

   (b) la moyenne annuelle, en mètres, pour les stations où on a obtenu des relevés quotidiens pour une année entière;

   (c) la moyenne de toutes les moyennes mensuelles;

   (d) la moyenne de toutes les moyennes annuelles.

2. *Le tableau des valeurs annuelles maximales instantanées* (The annual maximum instantaneous water level), exprimées en mètres, est fourni pour toute année où des données sont disponibles. La majorité des stations munies de jauges enregistreuses détiennent ces données. Elles peuvent également être évaluées à partir du niveau des hautes eaux ou d'un graphique illustrant les niveaux quotidiens.

3. *Le tableau des valeurs quotidiennes minimale et maximale annuelles* (The annual maximum and minimum daily water levels), exprimées en mètres, donne les valeurs pour les stations où on a fait des relevés quotidiens pour une année entière, les valeurs sont fournies si elles sont valables pour l'année en cause.

4. *Le tableau des valeurs extrêmes enregistrées pour toute la période d'observation* (The extreme recorded for the period of record) est indiqué par un astérisque et est compris avec les valeurs annuelles maximales instantanées et les valeurs quotidiennes minimale et maximale annuelles.

5. *Le plan de référence auquel les niveaux d'eau* sont reportés est fourni à la suite de l'extrait des moyennes mensuelles et annuelles et du tableau des valeurs extrêmes. Si les niveaux d'eau ont trait à un deuxième plan de référence, ce dernier est également indiqué même que la constante de conversion.

   Il arrive que les relevés des niveaux d'eau effectués à une station s'appliquent à plus d'une période d'observation de sorte qu'ils ne peuvent être reportés à un même plan de référence. En pareil cas, le plan de référence auquel les niveaux d'eau sont reportés est fourni pour chacune des périodes d'observation et un message imprimé à la suite des tableaux indique que les niveaux d'eau ont trait à plusieurs plans de référence différents.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

R – Revised – indicates that a revision, correction or addition has been made to the historical data base after January 1, 1980.

1. *The summary of monthly and annual mean water levels* gives:

   (a) the monthly mean in metres for each month for which there is a complete month of daily water levels. Records of daily water levels for partial months, if obtained, are published in annual publications or are available from the Regional Chief;

   (b) the annual mean water level in metres if there are daily water levels for the complete year;

   (c) the mean of all the monthly means;

   (d) the mean of all the annual means.

2. *The annual maximum instantaneous water level* in metres is given for each year if available. This figure is usually available if the station is equipped with a recording gauge. It may also be estimated from high water marks or from a graph of observed water level readings during the day.

3. *The annual maximum and minimum daily water levels* in metres are given for each year where daily water levels have been obtained for the entire year or where they are considered to be valid for the year even though some daily water levels are missing.

4. *The extreme recorded for the period of record* is identified by an asterisk within the table of annual maximum instantaneous, maximum daily and minimum daily values.

5. *The datum to which the water levels are referred* is shown following both the "Summary of Monthly and Annual Mean Water Levels" table; and the "Annual Extremes of Water Levels" table. If the water levels are referenced to a second datum, this datum is also shown with the conversion factor.

   Occasionally, the water level records at a station are collected for two or more periods for which the water levels cannot be referenced to a common datum. In this case, the datum to which the water levels are referred is shown following each period, and a message is printed at the bottom of the tables, indicating that the water levels are referred to several unrelated datums.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées aux débits et aux niveaux d'eau après le 1er janvier 1983 sont accompagnées du symbole «R» dans les publications sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques (données sur le niveau des eaux) dont on parle ici, sont basés sur le type de jauge, la stabilité de la jauge, la précision des observations, la mesure de la donnée de référence, l'évaluation des procédés et l'interprétation des chiffres. À cause de toutes ces variables, on a normalisé, pour des fins d'uniformité de présentation, le nombre de chiffres significatifs, mais ceci ne reflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A et E. En général, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus exactes que celles qui sont obtenues par estimation ou qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

MICROFICHE

Toutes les données publiées concernant les débits quotidiens, les niveaux d'eau et les sédiments sont disponibles sur microfiche en unités métriques aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numéro de station et par province. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la province, le numéro de la première et de la dernière station, celui de la première et de la dernière année de cueillette ainsi que le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway; for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Revisions, corrections or additions made to the discharges and water levels after January 1, 1983, are indicated by an "R" symbol in the summary publications. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data (water level data) referred to herein depends upon the type of gauge, stability of gauge, accuracy of observation, measurement of reference datum, computation procedures and interpretation of records. Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A and E. In general, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only (especially for small or flashy streams, or those obtained by estimation.

MICROFICHE

All published daily discharge, water level and sediment data are available in metric units on microfiche, upon request. The data are stored in station number order by province. There are 270 frames per microfiche at 48X reduction; there is a visible heading showing the fiche number, type of data, province, beginning and ending station number and year of data, and the month/year the fiche was created. The last frame is an index of the contents of that fiche.

DONNÉES SUR LES NIVEAUX D'EAU / WATER LEVEL DATA

ABITIBI (LAC) - STATION NO 04MA004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1946	---	---	---	---	---	---	---	---	---	---	284.83	284.55	---	1946
1947	---	---	---	---	---	---	---	---	---	---	284.55	284.34	---	1947
1948	---	---	---	---	---	285.56	285.28	285.08	284.91	284.83	284.55	284.34	---	1948
1949	284.08	283.95	283.97	284.28	285.00	285.25	285.10	284.91	284.76	284.42	284.24	284.18	---	1949
1950	284.24	284.07	284.08	284.23	285.07	285.38	285.40	285.12	---	284.72	284.55	284.39	---	1950
1951	284.85	---	284.21	---	284.88	285.41	285.41	285.18	284.97	284.78	284.95	285.09	284.78	1951
1952	285.14	285.01	284.47	284.57	285.40	---	285.39	285.10	284.79	284.74	285.10	285.27	---	1952
1953	284.81	284.80	284.33	284.61	285.38	---	285.36	---	285.21	285.11	285.06	285.13	---	1953
1954	284.61	284.44	284.18	284.39	285.05	285.27	285.03	284.78	284.78	284.78	---	284.78	---	1954
1955	284.84	284.61	284.18	284.45	285.12	285.35	285.38	285.34	---	285.42	285.42	285.22	---	1955
1956	284.43	284.28	284.07	284.22	284.83	285.03	---	284.45	---	284.28	284.80	284.57	---	1956
1957	284.52	284.25	284.03	284.28	---	285.36	---	285.11	284.88	285.00	284.85	284.69	---	1957
1958	---	---	284.13	284.28	---	285.01	285.53	285.22	285.02	284.88	284.89	284.97	---	1958
1959	284.85	284.52	284.19	284.30	284.97	285.26	285.28	285.18	285.25	285.32	285.31	285.10	---	1959
1960	284.76	284.47	284.21	284.41	285.51	285.44	285.41	285.40	285.17	285.04	285.05	285.01	284.93	1960
1961	284.72	284.41	284.25	284.35	284.78	285.16	285.16	284.97	285.15	285.17	285.36	285.36	284.90	1961
1962	285.04	284.87	284.21	284.23	285.07	285.29	284.99	284.89	285.08	284.98	284.87	284.81	284.80	1962
1963	284.25	284.08	283.88	284.19	284.46	284.61	284.72	284.58	284.51	284.33	284.18	284.26	284.35	1963
1964	284.10	284.08	284.19	284.46	285.19	285.48	285.12	284.83	284.80	284.80	284.73	284.48	284.87	1964
1965	284.18	284.04	284.08	284.28	284.78	285.23	285.03	284.88	284.87	285.38	285.18	284.85	284.74	1965
1966	284.54	284.23	284.05	284.25	284.80	285.21	285.12	284.93	---	285.12	285.35	285.44	---	1966
1967	285.18	284.83	284.19	284.52	285.48	285.33	285.13	285.01	284.78	284.85	285.18	285.04	284.84	1967
1968	284.87	284.31	284.18	284.80	285.13	285.05	285.24	285.13	284.99	285.02	284.98	284.71	284.84	1968
1969	284.42	284.18	284.11	284.35	.65.09	285.41	285.36	285.27	285.30	285.40	285.43	285.31	284.97	1969
1970	284.96	284.56	---	---	284.55	285.12	285.17	--	284.85	284.72	284.57	---	---	1970
1971	284.24	284.05	284.07	284.25	284.81	284.70	284.48	284.24	284.25	284.28	284.37	284.38	284.37	1971
1972	284.29	284.11	284.18	284.28	284.51	284.97	284.96	284.74	284.57	284.68	284.66	284.46	284.53	1972
1973	284.20	284.09	284.20	284.29	285.18	285.26	285.08	284.80	284.85	284.83	284.75	284.51	284.67	1973
1974	284.27	284.11	284.08	284.33	284.90	285.52	285.39	285.04	284.75	284.92	285.11	284.86	284.78	1974
1975	284.51	284.14	284.08	284.33	284.61	285.12	285.04	284.73	284.48	284.26	284.34	284.34	284.50	1975
1976	284.15	---	---	284.59	285.49	---	---	285.02	285.00	285.15	284.94	284.61	---	1976
1977	284.28	284.07	284.18	284.52	285.27	285.17	285.05	284.73	284.48	284.25	284.28	284.28	284.55	1977
1978	284.09	284.06	284.16	284.32	284.61	285.35	285.41	285.13	284.83	284.85	284.90	---	---	1978
1979	---	284.14	284.17	284.59	285.36	285.46	285.19	285.01	284.84	284.99	285.23	285.25	---	1979
1980	284.90	284.41	284.12	284.48	285.19	285.20	285.17	---	---	---	285.05	284.85	---	1980
1981	284.45	284.19	284.19	---	---	285.36	285.11	284.80	284.32	284.22	284.30	284.13	---	1981
1982	283.99	283.88	284.02	284.26	284.72	284.86	284.82	284.70	284.62	284.80	285.04	284.83	284.55	1982
1983	284.50	284.15	284.10	284.25	284.71	285.34	285.13	284.81	284.57	284.47	284.28	284.19	284.54	1983
1984	---	284.14	284.17	---	---	284.73	285.07	284.84	284.57	---	---	---	---	1984
1985	---	284.10	284.15	---	---	284.87	284.83	284.85	284.85	---	---	---	---	1985
MOYEN	284.52	284.27	284.14	284.37	284.98	285.20	285.18	284.93	284.81	284.83	284.84	284.74	284.69	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 45 00
LONG 79 13 40

BASSIN VERSANT 8 950 km²
REGULARISE

DONNEES FOURNIES PAR :
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

ABITIBI (LAC) - STATION NO. 04MA004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1946	---	---	---	1946
1947	---	---	---	1947
1948	---	---	---	1948
1949	---	---	---	1949
1950	---	285.82 LE 30 JUN *	284.02 LE 27 FEV	1950
1951	---	---	---	1951
1952	---	---	---	1952
1953	---	---	---	1953
1954	---	---	---	1954
1955	---	---	---	1955
1956	---	---	---	1956
1957	---	---	---	1957
1958	---	---	---	1958
1959	---	285.49 LE 13 JUN	284.08 LE 27 MAR	1959
1960	---	285.79 LE 16 MAI	284.18 LE 18 MAR	1960
1961	---	285.48 LE 8 NOV	284.21 LE 4 AVR	1961
1962	---	285.71 LE 2 JUN	284.08 LE 18 AVR	1962
1963	---	284.92 LE 2 JUL	283.94 LE 11 MAR *	1963
1964	---	285.72 LE 16 JUN	284.04 LE 26 JAN	1964
1965	---	285.49 LE 24 OCT	284.00 LE 8 FEV	1965
1966	---	---	---	1966
1967	---	285.73 LE 17 MAI	284.18 LE 17 MAR	1967
1968	---	285.42 LE 19 JUL	284.12 LE 15 MAR	1968
1969	---	285.58 LE 14 OCT	284.09 LE 1 MAR	1969
1970	---	---	---	1970
1971	---	284.91 LE 30 MAI	284.00 LE 26 AOU	1971
1972	---	285.17 LE 12 JUN	284.08 LE 14 FEV	1972
1973	---	285.47 LE 17 MAI	284.07 LE 1 FEV	1973
1974	---	285.88 LE 1 JUN	284.06 LE 22 FEV	1974
1975	---	285.36 LE 24 JUN	284.03 LE 28 FEV	1975
1976	---	---	---	1976
1977	---	285.61 LE 30 JUN	284.02 LE 8 OCT	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	285.32 LE 7 NOV	283.95 LE 19 JAN	1982
1983	---	285.46 LE 7 JUN	284.06 LE 26 FEV	1983
1984	---	---	---	1984
1985	---	---	---	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

ACHIGAN (LAC DE L') - STATION NO 0208018

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	---	---	---	---	---	---	24.14	24.09	24.04	24.07	---	---	---	1966
1967	---	---	---	---	---	24.78	24.67	24.67	24.34	24.31	24.43	24.60	24.49	---	1967
1968	24.42	24.34	24.35	24.93	24.54	24.34	24.31	24.17	24.22	24.28	24.35	24.36	24.38	1968
1969	24.32	24.36	24.29	24.86	25.05	24.47	24.25	24.22	24.18	24.19	24.33	24.43	24.41	1969
1970	24.34	24.32	24.30	24.84	24.93	24.42	---	---	24.18	---	24.42	24.46	---	1970
1971	24.31	24.31	24.32	24.53	25.00	24.42	---	---	---	---	---	---	---	1971
MOYEN	24.35	24.33	24.32	24.74	24.85	24.46	24.34	24.21	24.18	24.24	24.43	24.44	24.40	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 56 17
LONG 73 59 36

REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ACHIGAN (LAC DE L') - STATION NO 0208018

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	25.08 LE 15 AVR	24.13 LE 29 AOU *	1968
1969	---	25.37 LE 18 AVR *	24.15 LE 3 SEP	1969
1970	---	---	---	1970
1971	---	---	---	1971

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

ACHIGAN (RIVIERE DE L') ECHELLE NO 1 - STATION NO 0208012

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1985	---	---	---	---	23.70	---	---	---	---	---	---	---	---	1985
MOYEN	---	---	---	---	23.70	---	---	---	---	---	---	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 55 28
LONG 73 57 03 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ACHIGAN (RIVIERE DE L') ECHELLE NO 2 - STATION NO 0208013

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1985	---	---	---	---	23.55	---	---	---	---	---	---	---	---	1985
MOYEN	---	---	---	---	23.55	---	---	---	---	---	---	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 55 28
LONG 73 57 03 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ACHIGAN (RIVIERE DE L') ECHELLE NO 3 - STATION NO 0208014

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1985	---	---	---	---	23.61	---	---	---	---	---	---	---	---	1985
MOYEN	---	---	---	---	23.61	---	---	---	---	---	---	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 55 28
LONG 73 57 03 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ALLARD (RIVIERE) - STATION NO 0340002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	---	---	---	---	---	---	---	---	25.78	26.21	---	---	---	1965
1966	---	---	---	---	---	27.11	---	---	---	26.14	---	---	---	1966
1967	---	---	---	---	---	---	---	---	24.31	25.30	---	---	---	1967
1968	---	---	---	---	26.59	---	---	---	25.96	25.77	---	---	---	1968
1969	---	---	---	---	26.51	27.14	---	---	25.41	25.95	---	---	---	1969
1970	---	---	---	---	26.46	26.95	26.14	25.46	25.49	25.20	24.57	---	---	1970
1971	---	23.53	---	23.62	26.07	---	---	24.85	24.71	---	---	---	---	1971
MOYEN	---	23.53	---	23.62	26.41	27.07	26.14	25.16	25.27	25.77	24.57	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 49 47 01
LONG 77 49 39 DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ARCHAMBAULT (LAC) - STATION NO 0208028

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1971	---	---	---	---	---	---	---	---	388.23	---	388.17	---	---	1971
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	1972
1973	---	388.47	388.34	388.22	388.42	---	---	388.48	388.42	388.55	388.52	---	---	1973
1974	388.41	388.41	388.28	388.26	388.48	388.52	388.44	388.32	388.19	388.37	388.50	388.50	388.39	1974
1975	388.45	388.42	388.44	388.10	388.32	388.48	---	---	---	388.30	---	---	---	1975
1976	---	388.36	---	---	---	---	---	---	---	---	---	388.48	---	1976
1977	---	388.07	388.12	---	---	388.42	388.41	388.38	388.38	388.32	388.22	---	---	1977
1978	---	---	---	388.32	388.42	388.41	388.35	388.22	388.14	388.38	388.41	388.47	---	1978
1979	388.44	388.39	388.50	388.56	388.51	388.50	---	---	---	---	---	388.51	---	1979
1980	388.48	388.40	388.40	388.64	388.53	388.44	388.41	388.53	38..49	388.04	387.80	---	---	1980
1981	---	---	---	388.74	---	---	388.41	388.32	388.41	388.47	---	---	---	1981
1982	---	388.28	388.28	---	---	---	---	---	---	---	---	---	---	1982
MOYEN	388.45	388.35	388.33	388.41	388.45	388.45	388.41	388.37	388.31	388.34	388.30	388.48	388.38	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 20 15
LONG 74 13 44 BASSIN VERSANT, 277 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ARCHAMBAULT (LAC) - STATION NO 020B028

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	388.81 LE 2 MAI *	388.10 LE 13 AVR *	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

ARGENT (LAC D') A EASTMAIN - STATION NO 020H004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1968	---	---	---	---	---	---	---	30.09	30.01	29.98	29.94	---	---	1968
1969	---	---	---	---	29.93	30.16	30.11	30.06	29.99	30.22	30.16	29.98	---	1969
1970	---	---	---	---	---	---	---	30.16	30.18	29.78	---	---	---	1970
1971	29.56	29.46	29.62	29.93	29.85	30.11	30.14	30.29	30.24	30.16	29.79	29.65	29.91	1971
1972	29.55	29.46	29.64	29.75	29.85	29.91	30.22	30.20	30.21	30.20	30.04	30.02	29.91	1972
1973	29.94	29.86	30.14	29.97	29.94	30.01	---	---	---	---	---	---	---	1973
MOYEN	29.68	29.61	29.73	29.88	29.89	30.05	30.16	30.16	30.13	30.07	29.98	29.88	29.91	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 18 12
LONG 72 15 17 DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ARGENT (LAC D') A EASTMAIN - STATION NO 020H004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	30.70 LE 29 AOU *	29.44 LE 4 FEV	1971
1972	---	30.34 LE 20 JUL	29.40 LE 3 MAR *	1972
1973	---	---	---	1973

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

BALEINE (PETITE RIVIERE DE LA) EN AMONT DU CHENAL ANCEL - STATION NO 03FC008

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	28.46R	28.37R	28.31R	---	1982
1983	---	---	---	27.64R	28.59R	28.78R	28.64R	28.55R	28.58R	28.85R	28.61R	28.29R	---	1983
1984	---	27.78R	27.70R	27.65R	28.42R	28.60R	28.52R	28.51R	28.74R	28.87R	28.60R	---	---	1984
1985	---	---	27.80	27.70	27.82	28.90	28.57	28.28	28.31	---	---	---	---	1985
MOYEN	---	27.78R	27.75R	27.68R	28.28R	28.83R	28.54R	28.44R	28.54R	28.68R	28.53R	28.30R	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 284.354 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 55 40 58 BASSIN VERSANT 10 400 km²
LONG 74 20 09 DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

BAPTISTE (LAC) - STATION NO 02LC062

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1972	---	---	---	28.13	---	28.15	28.31	28.29	28.24	28.27	28.13	28.09	---	1972
1973	28.08	28.09	28.17	28.12	28.27	---	28.18	28.16	28.04	27.99	28.06	28.11	---	1973
1974	28.08	28.08	28.09	28.16	28.27	---	28.46	28.10	27.87	27.94	28.19	28.31	---	1974
1975	28.28	28.27	28.28	28.33	28.12	---	---	28.02	---	28.28	---	28.10	---	1975
1976	---	---	---	28.16	28.30	28.28	28.26	28.27	28.27	28.28	28.14	28.07	---	1976
1977	28.05	28.05	28.12	28.15	28.21	28.16	28.28	28.25	28.27	---	---	28.08	---	1977
1978	28.07	28.05	28.04	28.14	28.30	28.26	28.24	28.17	28.10	28.10	28.18	28.27	28.16	1978
1979	28.26	28.26	28.30	28.14	28.31	28.30	28.28	28.24	28.28	28.32	28.30	28.29	28.27	1979
1980	28.28	28.25	28.29	28.17	28.24	28.24	28.22	28.24	28.23	28.32	28.21	---	---	1980
1981	---	28.23	28.08	28.23	28.26	28.31	28.24	28.20	28.22	28.22	28.27	28.19	---	1981
1982	28.19	28.18	28.18	28.23	28.23	28.23	28.21	---	---	---	---	---	---	1982
MOYEN	28.18	28.16	28.17	28.18	28.25	28.24	28.27	28.19	28.17	28.19	28.18	28.17	28.22	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 15 00 BASSIN VERSANT 2 51 km²
LONG 74 41 02 DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

BAPTISTE (LAC) - STATION NO 02LC062

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	28 33 LE 1 MAI	28 02 LE 13 MAR	1978
1979	---	28 51 LE 25 MAR *	27 97 LE 17 AVR *	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTYRES POUR TOUTE LA PERIODE D'OBSERVATION

BARRIERE (LAC) AU BARRAGE - STATION NO 02LD008

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1974	---	---	---	---	---	---	---	197.98	197.87	197.84	198.05	---	---	1974
1976	---	---	---	---	---	198.26	198.18	198.11	197.99	---	---	---	---	1976
1977	---	---	---	---	---	198.17	198.13	198.05	197.99	198.19	---	---	---	1977
1978	---	---	---	---	---	---	---	---	---	197.80	---	---	---	1978
1979	---	---	---	198.75	198.80	198.26	198.36	---	198.12	197.94	197.85	198.13	---	1979
1980	197.86	197.76	197.71	198.43	198.29	198.07	198.08	198.18	198.01	198.15	198.27	---	---	1980
1981	---	---	198.46	198.70	198.51	198.51	198.26	198.13	198.24	198.03	198.14	---	---	1981
1982	---	---	---	198.24	198.52	198.18	198.21	198.05	198.03	198.03	197.98	197.98	---	1982
1983	198.10	197.95	197.92	198.33	198.86	198.44	198.12	198.02	197.85	197.85	198.02	198.00	198.12	1983
1984	197.86	197.92	197.97	198.63	198.45	198.13	198.13	198.10	198.07	197.85R	197.84R	198.32R	198.12R	1984
1985	198.19	198.03	---	---	---	198.27	198.24	198.17	198.08	---	---	---	---	1985
MOYEN	198.05	197.92	198.02	198.51	198.54	198.25	198.19	198.09	198.03	197.96R	198.05R	198.11R	198.12R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 52 38 BASSIN VERSANT 1 260 km²
LONG 75 05 04 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

BARRIERE (LAC) AU BARRAGE - STATION NO 02LD008

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1974	---	---	---	1974
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	199.14 LE 15 MAI *	197.78 LE 15 MAR *	1983
1984	---	199.09 LE 21 AVR	197.83R LE 17 OCT	1984
1985	---	---	---	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

BEAU PORTAGE (LAC DU) - STATION NO. 02RG014

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	152.48R	152.37R	152.28R	152.24R	152.25R	152.20R	152.25R	152.38R	152.40R	152.44R	152.43R	---	---	1977
1978	152.40R	152.34R	152.25R	152.23R	152.33R	152.13R	152.18R	152.24R	152.23R	152.30R	---	---	---	1978
MOYEN	152.43R	152.36R	152.27R	152.24R	152.29R	152.17R	152.21R	152.30R	152.34R	152.37R	152.43R	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 22 05 BASSIN VERSANT, 0.26 km²
LONG 71 34 25 DEBIT NATUREL

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

BELLE RIVIERE (RIVIERE) AU BARRAGE PRES DE SAINTE-SCHOLASTIQUE - STATION NO. 020A026

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1972	---	---	---	1.223	1.173	1.157	1.178	1.187	1.116	1.169	1.149	1.138	---	1972
1973	1.152	1.165	1.210	1.124	1.164	1.174	1.121	1.090	1.071	1.172	1.148	1.147	1.145	1973
1974	1.139	1.124	1.198	1.273	1.199	1.103	1.072	1.053	1.046	1.071	1.100	1.093	1.123	1974
1975	1.077	1.061	1.144	1.356	1.126	1.123	1.078	1.082	1.084	1.089	1.102	1.083	1.114	1975
1976	1.080	1.113	1.185	1.243	1.127	1.085	1.070	1.078	1.099	1.090	1.074	1.034	1.105	1976
1977	1.033	1.029	1.150	1.112	1.084	1.056	1.042	1.047	1.052	1.094	1.081	1.070	1.070	1977
1978	1.106	1.050	1.059	1.184	1.073	1.054	1.048	1.058	1.051	1.057	1.068	1.052	1.071	1978
1979	1.068	1.042	1.139	1.134	1.070	1.054	1.044	1.054	1.080	1.088	1.080	1.085	1.078	1979
1980	1.062	0.987	0.989	1.095	1.076	1.061	1.073	1.081	1.080	1.083	1.077	1.080	1.058	1980
1981	1.078	1.174	1.088	1.109	1.093	1.087	1.055	1.083	1.067	1.081	1.091	1.067	1.088	1981
1982	1.085	1.060	1.075	1.194	1.084	1.068	1.050	1.058	1.061	1.084	1.086	1.106	1.079	1982
1983	1.077	1.083	1.117	1.180	1.132	1.071	---	---	---	---	---	---	---	1983
MOYEN	1.085	1.081	1.123	1.184	1.113	1.089	1.076	1.072	1.071	1.096	1.099	1.087	1.093	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 65.294 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 38 24
LONG 74 05 57 REGULARISE

BELLE RIVIERE (RIVIERE) AU BARRAGE PRES DE SAINTE-SCHOLASTIQUE - STATION NO. 020A026

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1972	---	1.637 LE 29 MAR	1.061 LE 24 SEP	1972
1973	---	1.484 LE 12 JUN	1.052 LE 1 MAI	1973
1974	---	1.497 LE 15 AVR	1.033 LE 2 SEP	1974
1975	---	1.701 LE 20 AVR	1.027 LE 3 SEP	1975
1976	---	1.783 LE 2 AVR *	1.030 LE 17 DEC	1976
1977	---	1.338 LE 18 MAR	1.024 LE 3 FEV	1977
1978	---	1.326 LE 20 AVR	1.039 LE 23 FEV	1978
1979	---	1.648 LE 14 SEP	1.024 LE 26 FEV	1979
1980	---	1.401 LE 22 JUL	0.775E LE 4 MAR *	1980
1981	---	1.484 LE 21 FEV	1.046 LE 1 AOU	1981
1982	---	1.483 LE 4 AVR	1.033 LE 28 FEV	1982
1983	---	---	---	1983

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 65.294 m POUR OBTENIR LES COTES GEODESIQUES

E - ESTIMATIVE * - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

BETSIAMITES (RIVIERE) AU RESERVOIR PIPMUACAN - STATION NO. 025B002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	395.84	394.61	393.53	392.22	392.26	394.17	394.75	395.70	396.44	397.43	397.64	397.36	395.15	1965
1966	396.57	395.61	394.70	394.20	394.81	397.56	397.93	398.19	398.27	398.56	398.82	398.62	397.00	1966
1967	397.86	396.91	395.83	394.72	394.35	396.13	396.89	396.98	396.93	397.81	398.47	398.18	396.76	1967
1968	397.48	396.74	395.85	395.50	396.82	397.53	397.61	397.86	398.28	398.14	398.11	397.45	397.28	1968
1969	396.64	395.65	394.53	393.49	394.03	396.79	397.70	397.81	397.76	397.53	397.43	---	---	1969
1970	396.14	395.15	394.01	392.98	393.95	395.01	397.18	398.94	398.12	398.19	397.83	396.83	396.19	1970
1971	395.72	394.55	393.53	392.51	393.71	395.47	395.48	395.17	395.08	395.47	395.55	394.84	394.74	1971
1972	393.85	392.67	391.61	390.72	390.97	394.34	395.29	395.27	395.07	395.58	395.45	394.85	393.78	1972
1973	393.76	392.90	392.04	391.51	393.78	---	---	398.45	398.45	398.56	398.74	398.25	---	1973
1974	397.28	396.27	395.31	394.55	395.07	398.11	398.49	398.66	398.52	398.44	398.15	397.39	397.20	1974
1975	396.40	395.43	394.47	393.47	394.23	396.15	396.64	397.08	397.20	397.24	396.95	396.31	395.97	1975
1976	395.31	394.29	393.26	392.97	395.62	398.33	398.53	398.57	398.90	398.67	398.35	397.49	396.70	1976
1977	396.61	395.71	394.67	393.78	395.43	397.65	397.81	397.83	397.93	398.10	398.08	397.51	396.77	1977
1978	396.65	395.61	394.20	392.95	394.02	396.78	398.02	398.13	398.02	398.23	398.15	397.41	396.52	1978
1979	396.41	395.35	394.22	393.80	396.51	398.36	398.49	398.57	398.63	398.61	398.43	397.86	397.12	1979
1980	396.90	395.78	394.43	393.42	394.87	396.28	397.07	397.88	398.06	398.45	398.20	397.53	396.59	1980
1981	396.49	395.37	394.85	394.37	396.29	398.40	398.53	398.39	397.88	397.58	397.31	396.58	396.83	1981
1982	395.58	394.35	393.01	391.84	393.28	396.26	397.31	397.89	397.76	397.74	397.89	397.61	395.87	1982
1983	396.78	395.79	394.68	394.12	396.92	398.34	398.29	398.09	---	398.45	398.13	397.83	---	1983
1984	396.76	395.71	394.60	393.48	394.76	396.88	397.21	397.38	397.21	396.92	396.32	395.51	396.07	1984
1985	394.66	393.67	392.86	392.04	392.52	394.87	396.00	396.76	396.66	396.85	396.89	395.87	394.96	1985
1986	394.83	393.87	392.90	392.36	394.47	395.88	396.45	396.68	396.97	397.24	---	---	---	1986
MOYEN	396.10	395.09	394.04	393.23	394.48	396.88	397.22	397.51	397.53	397.72	397.64	397.04	396.19	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 49 21 15 BASSIN VERSANT, 13 400 km²
LONG 69 47 15 REGULARISE

DONNEES FOURNIES PAR - HYDRO-QUEBEC

BETSIAMITES (RIVIERE) AU RESERVOIR PIPMUACAN - STATION NO 02SB002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---			1965
1966	---	397 93 LE 1 NOV	391 47 LE 8 MAI	1966
1967	---	398 93 LE 8 NOV	394 07 LE 19 AVR	1967
1968	---	398 54 LE 8 NOV	394 17 LE 2 MAI	1968
1969	---	398 37 LE 12 SEP	395 28 LE 14 AVR	1969
		---	---	
1970	---			1970
1971	---	398 33 LE 12 OCT	392 07 LE 25 AVR	1971
1972	---	396 32 LE 1 JAN	392 26 LE 21 AVR	1972
1973	---	395 81 LE 29 OCT	390 19 LE 9 MAI *	1973
1974	---	---	---	1974
		398 73 LE 28 AOU	394 43 LE 8 MAI	
1975	---			1975
1976	---	397 42 LE 28 SEP	393 09 LE 2 MAI	1976
1977	---	399 09 LE 15 SEP *	392 73 LE 31 MAR	1977
1978	---	398 31 LE 22 OCT	393 55 LE 19 AVR	1978
1979	---	398 37 LE 28 OCT	392 61 LE 30 AVR	1979
		398 83 LE 2 NOV	393 61 LE 20 AVR	
1980	---			1980
1981	---	398 61 LE 22 OCT	393 12 LE 25 AVR	1981
1982	---	398 63 LE 27 JUL	394 26 LE 3 AVR	1982
1983	---	398 02 LE 24 NOV	391 53 LE 29 AVR	1983
1984	---	---	---	1984
		397 45 LE 15 AOU	393 18 LE 26 AVR	
1985	---			1985
1986	---	397 00 LE 28 OCT	391 76 LE 29 AVR	1986
		397 36 LE 25 OCT	392 20 LE 18 AVR	

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

BEVI (LAC) AU PONT-ROUTE 327 - STATION NO 02LC032

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	---	---	---	---	---	---	---	---	27 80	27 95	---	28 57	---	1966
1967	27 94	27 83	27 72	---	28 87	28 55	28 58	---	---	---	28 98	28 35	---	1967
1968	28 13	28 01	28 14	---	28 20	27 90	27 99	---	27 70	27 86	27 71	27 86	---	1968
1969	---	27 82	27 80	29 37	29 48	---	---	---	---	27 65	28 00	28 09	---	1969
1970	27 84	27 87	27 83	28 84	29 80	28 16	---	---	27 66	---	28 10	28 15	---	1970
1971	27 85	27 81	27 83	28 55	29 59	28 07	27 47	27 89	27 78	27 82	27 80	27 98	28 03	1971
1972	27 91	27 85	27 83	28 68	---	---	---	---	---	---	---	---	---	1972
MOYEN	27 93	27 88	27 86	28 86	29 21	28 17	28 01	27 89	27 89	27 87	28 12	28 17	28 03	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 57 48 BASSIN VERSANT 339 km²
LONG 74 35 58 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

BEVI (LAC) AU PONT-ROUTE 327 - STATION NO 02LC032

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	30 32 LE 8 MAI *	26 79 LE 25 JUL *	1972
		---	---	

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

BEVIN (RIVIERE) A LAKEVIEW - STATION NO 02LC031

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	---	---	---	---	---	---	---	---	6 14	6 16	---	---	---	1966
1967	---	6 30	---	---	---	---	---	---	---	---	---	---	---	1967
MOYEN	---	6 30	---	---	---	---	---	---	6 14	6 16	---	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 52 42
LONG 74 34 04 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

BIENVILLE (LAC) - STATION NO 03EA002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1974	---	---	---	---	---	---	---	29.85	29.50	29.66	29.71	---	---	1974
1975	---	29.19	---	29.00	29.08	30.32	30.39	30.27	29.99	29.85	29.59	---	---	1975
1976	---	---	---	---	29.29	30.41	30.00	29.81	29.82	29.76	29.63	---	---	1976
1977	---	29.20	29.11	29.06	29.34	---	30.27	30.07	29.83	29.62	29.67	---	---	1977
1978	---	29.28	---	---	---	---	29.77	29.91	30.21	29.95	29.75	---	---	1978
1979	---	---	---	---	---	---	---	29.78	29.76	29.95	29.80	29.65	---	1979
1980	29.41	29.22	29.09	---	---	---	---	---	---	29.78	29.78	29.59	--	1980
1981	29.36	29.20	29.13	29.06	29.13	---	---	---	29.48	29.67	29.55	29.40	---	1981
1982	---	---	29.08	29.00	29.21	30.04	30.05	29.78	29.65	29.60	29.57	29.48	---	1982
1983	29.32	29.17	29.05	28.89	29.83	29.98	29.80	29.76	29.64	---	---	29.57	---	1983
1984	---	---	---	29.04	29.50	30.09	29.83	29.88	29.82	---	29.78R	29.59R	---	1984
1985	29.37	29.22	29.11	29.06	29.48	---	---	29.51	29.40	---	---	---	---	1985
MOYEN	29.36	29.21	29.10	29.03	29.33	30.17	30.02	29.82	29.72	29.73	29.69R	29.55R	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 380.642 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 55 02 00 BASSIN VERSANT 21 000 km²
LONG 73 22 00 DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

BLANC (LAC) - STATION NO 02PB036

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1971	---	---	---	---	---	---	---	---	---	---	26.22	---	---	1971
1972	---	---	26.23	---	---	---	---	25.23	26.20	---	---	---	---	1972
1973	26.19	26.24	26.31	26.52	26.41	---	---	---	---	26.30	26.10	---	---	1973
1974	26.12	26.08	26.12	---	---	26.22	26.17	26.07	26.05	26.16	26.20	26.28	---	1974
1975	26.11	26.07	26.14	26.31	---	26.27	---	---	26.04	26.14	26.22	26.18	---	1975
1976	---	---	---	26.59	26.41	26.17	26.24	26.27	26.15	26.27	26.18	26.10	---	1976
1977	26.05	26.03	26.13	26.47	26.31	26.16	26.07	26.02	26.05	26.23	26.14	26.15	26.14	1977
1978	---	26.13	26.05	26.34	26.34	26.09	26.05	26.00	26.02	26.07	26.10	26.10	---	1978
1979	---	26.07	26.25	26.49	26.21	26.10	25.99	26.04	26.36	26.19	26.20	26.21	---	1979
1980	26.14	26.06	26.09	26.40	26.21	26.15	26.11	26.25	26.12	26.27	26.18	26.10	26.17	1980
1981	26.02	26.25	26.22	26.45	26.30	26.34	26.20	26.10	26.06	26.13	26.23	26.11	26.20	1981
1982	26.08	26.06	26.06	26.47	---	---	---	---	---	---	---	---	---	1982
MOYEN	26.10	26.11	26.17	26.44	26.30	26.18	26.12	26.12	26.12	26.18	26.18	26.15	26.17	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 49 12 BASSIN VERSANT 65.0 km²
LONG 72 15 25 DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

BLANC (LAC) - STATION NO. 02PB036

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1976
1978	---	26.87 LE 23 AVR *	25.89 LE 29 JUL *	1977
1979	---	---	---	1978
1980	---	---	---	1979
1981	---	26.72 LE 11 AVR	26.02 LE 3 MAR	1980
1982	---	26.83 LE 6 AVR	26.00 LE 29 JAN	1981
		---	---	1982

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

BONNARD (RIVIERE) AU RESERVOIR MANOUANE - STATION NO. 02RA001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1943	489.63R	488.13R	487.63R	487.47R	488.43R	491.77R	492.53R	492.75R	493.39R	492.97R	491.57R	490.57R	490.83R	1943
1944	488.86R	487.71R	487.29R	487.09R	488.51R	490.40R	491.31R	492.25R	493.20R	493.86R	493.58R	492.71R	490.55R	1944
1945	491.32R	490.22R	489.67R	489.91R	491.52R	492.65R	493.11R	493.28R	493.28R	493.28R	493.32R	493.08R	492.06R	1945
1946	492.45R	490.88R	490.97R	491.17R	492.13R	493.28R	493.21R	493.26R	493.18R	493.31R	493.61R	492.53R	492.51R	1946
1947	490.04R	488.58R	488.21R	488.45R	489.08R	492.26R	493.22R	493.26R	493.20R	493.48R	493.53R	491.36R	491.24R	1947
1948	488.86R	487.56R	487.58R	487.43R	488.74R	491.03R	491.86R	492.94R	492.89R	492.51R	490.80R	489.27R	490.17R	1948
1949	488.12R	487.53R	487.41R	487.49R	488.86R	491.56R	493.01R	493.27R	493.33R	493.47R	493.61R	491.73R	490.81R	1949
1950	489.28R	488.11R	487.55R	487.75R	489.02R	492.05R	493.33R	493.23R	492.91R	492.58R	493.11R	493.44R	491.07R	1950
1951	491.38R	489.36R	488.38R	488.84R	490.65R	492.37R	492.33R	491.74R	491.24R	491.47R	492.11R	492.40R	491.03R	1951
1952	490.55R	488.82R	487.96R	488.02R	489.51R	491.91R	492.67R	493.12R	493.41R	493.52R	493.12R	492.14R	491.24R	1952
1953	489.83R	488.22R	487.92R	488.62R	490.03R	491.77R	492.74R	493.10R	493.14R	493.31R	492.71R	491.95R	491.13R	1953
1954	489.81R	488.82R	488.24R	488.50R	490.05R	491.81R	492.38R	492.78R	492.85R	492.91R	492.89R	492.00R	491.07R	1954
1955	489.50R	488.13R	487.68R	487.57R	489.29R	491.35R	491.91R	492.17R	491.91R	491.09R	490.78R	490.48R	490.17R	1955
1956	488.76R	487.82R	487.48R	487.34R	487.80R	490.18R	491.71R	492.55R	493.13R	493.68R	493.77R	492.94R	490.61R	1956
1957	490.26R	488.40R	487.71R	487.48R	488.52R	490.88R	492.58R	493.23R	493.66R	493.75R	493.65R	493.57R	491.16R	1957
1958	493.12R	492.48R	491.83R	491.39R	492.36R	493.36R	493.36R	493.37R	493.35R	493.30R	492.91R	491.73R	492.71R	1958
1959	489.89R	488.60R	487.98R	487.69R	489.01R	491.51R	491.93R	491.54R	490.22R	489.28R	489.49R	489.96R	489.77R	1959
1960	489.25R	488.32R	487.67R	487.58R	489.04R	491.12R	491.87R	493.00R	493.03R	493.24R	493.24R	493.04R	490.90R	1960
1961	492.22R	491.47R	489.97R	488.18R	488.38R	488.85R	488.93R	489.05R	489.08R	489.67R	490.18R	490.56R	489.70R	1961
1962	490.84R	490.98R	490.48R	490.66R	491.39R	492.73R	493.01R	493.14R	493.70R	493.92R	493.89R	492.29R	492.26R	1962
1963	490.55R	489.15R	488.33R	488.33R	489.30R	491.46R	492.58R	493.54R	493.91R	493.45R	493.42R	493.09R	491.44R	1963
1964	491.43R	490.48R	490.52R	490.82R	492.30R	494.05R	494.42R	494.46R	494.45R	494.45R	494.41R	493.92R	492.97R	1964
1965	492.32R	491.05R	491.10R	491.25R	492.03R	493.94R	494.38R	494.42R	494.42R	494.45R	494.45R	493.75R	493.15R	1965
1966	491.98R	490.87R	490.88R	491.12R	491.88R	493.77R	494.37R	494.36R	494.42R	494.44R	494.49R	494.45R	493.10R	1966
1967	493.46R	492.02R	491.99R	492.01R	492.36R	493.87R	494.08R	494.09R	494.07R	494.42R	494.49R	494.46R	493.43R	1967
1968	493.20R	491.57R	491.08R	491.40R	492.74R	493.70R	494.01R	493.98R	494.46R	494.45R	494.38R	493.49R	493.21R	1968
1969	491.82R	491.22R	491.13R	491.03R	491.74R	493.72R	493.93R	494.13R	494.38R	494.40R	494.45R	494.28R	493.03R	1969
1970	493.04R	491.55R	491.31R	491.38R	492.34R	494.08R	494.47R	494.47R	494.48R	494.48R	494.46R	493.55R	493.31R	1970
1971	491.78R	490.58R	490.04R	490.15R	491.26R	491.98R	491.05R	490.67R	491.01R	491.94R	492.82R	492.02R	491.26R	1971
1972	490.35R	489.21R	489.20R	489.35R	489.98R	492.05R	492.88R	492.55R	491.02R	490.42R	489.92R	488.81R	490.48R	1972
1973	488.15R	487.86R	487.76R	487.80R	488.90R	492.47R	493.38R	494.14R	494.44R	494.45R	494.47R	493.73R	491.57R	1973
1974	492.00R	491.08R	491.19R	491.27R	491.74R	494.03R	494.42R	494.44R	494.44R	494.43R	494.42R	493.31R	493.07R	1974
1975	491.73R	491.48R	491.66R	491.95R	492.75R	494.18R	494.42R	494.41R	494.43R	494.43R	494.43R	494.07R	493.34R	1975
1976	493.28R	492.59R	492.64R	493.07R	494.10R	494.29R	494.17R	494.18R	494.17R	494.02R	493.95R	493.53R	493.67R	1976
1977	492.95R	492.27R	491.67R	491.68R	492.75R	494.36R	494.44R	494.43R	494.42R	494.42R	494.37R	493.84R	493.47R	1977
1978	493.08R	492.24R	491.41R	490.81R	491.76R	493.36R	494.22R	494.44R	494.45R	494.43R	494.33R	493.61R	493.20R	1978
1979	493.17R	492.55R	491.89R	491.73R	493.52R	494.38R	494.34R	494.31R	494.33R	494.31R	494.38R	494.07R	493.59R	1979
1980	493.48R	492.87R	492.21R	491.86R	492.95R	494.13R	494.25R	494.42R	494.43R	494.43R	494.43R	494.10R	493.62R	1980
1981	493.50R	492.68R	491.80R	491.67R	492.78R	494.41R	494.42R	494.39R	493.87R	493.33R	492.85R	492.37R	493.17R	1981
1982	491.71R	490.50R	489.33R	488.48R	489.64R	492.09R	493.25R	493.84R	494.29R	493.98R	493.68R	493.31R	492.02R	1982
1983	492.78R	492.20R	491.60R	491.16R	492.68R	494.37R	494.45R	494.41R	494.17R	494.40R	494.09R	493.40R	493.31R	1983
1984	492.58R	491.74R	490.93R	490.64R	492.19R	493.79R	493.99R	494.19R	494.24R	494.09R	493.52R	492.33R	492.86R	1984
1985	490.73	490.55	490.75	490.83	491.01	492.62	493.32	493.54	493.34	493.01	492.64	491.54	492.00	1985
MOYEN	491.23R	490.20R	489.77R	489.72R	490.84R	492.54R	493.17R	493.37R	493.39R	493.38R	493.28R	492.83R	491.98R	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT. 50 43 18
LONG. 71 02 42

BASSIN VERSANT, 5 000 km²
REGULARISE

DONNEES FOURNIES PAR :
LA COMPAGNIE ALUMINIUM DU CANADA

R - REVISEE DEPUIS JAN 1980

BONNARD (RIVIERE) AU RESERVOIR MANOUANE - STATION NO 02RA001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1943	---	493.58R LE 2 OCT	487.43R LE 23 AVR	1943
1944	---	493.78R LE 22 NOV	487.08R LE 29 AVR *	1944
1945	---	493.40R LE 18 AOU	489.55R LE 21 MAR	1945
1946	---	493.78R LE 1 DEC	490.78R LE 15 FEV	1946
1947	---	493.58R LE 6 NOV	488.11R LE 7 MAR	1947
1948	---	493.39R LE 31 AOU	487.39R LE 17 AVR	1948
1949	---	493.89R LE 7 NOV	487.34R LE 2 AVR	1949
1950	---	493.58R LE 12 DEC	487.53R LE 28 MAR	1950
1951	---	492.72R LE 1 JAN	488.23R LE 21 MAR	1951
1952	---	493.62R LE 11 OCT	487.79R LE* 25 MAR	1952
1953	---	493.43R LE 4 OCT	487.82R LE 4 MAR	1953
1954	---	492.98R LE 28 AOU	488.19R LE 11 MAR	1954
1955	---	492.31R LE 3 SEP	487.45R LE 14 AVR	1955
1956	---	493.82R LE 3 NOV	487.29R LE 8 AVR	1956
1957	---	493.81R LE 20 OCT	487.39R LE 18 AVR	1957
1958	---	493.45R LE 2 JUL	490.80R LE 31 DEC	1958
1959	---	491.97R LE 30 JUN	487.63R LE 28 AVR	1959
1960	---	493.35R LE 13 OCT	487.52R LE 23 AVR	1960
1961	---	492.65R LE 1 JAN	487.83R LE 28 AVR	1961
1962	---	494.20R LE 13 NOV	490.42R LE 8 MAR	1962
1963	---	494.07R LE 2 OCT	488.20R LE 15 MAR	1963
1964	---	494.53R LE 16 AOU	490.43R LE 7 FEV	1964
1965	---	494.51R LE 23 OCT	490.91R LE 13 FEV	1965
1966	---	492.52R LE 17 OCT	490.80R LE 9 FEV	1966
1967	---	494.52R LE 21 OCT	491.98R LE 7 FEV	1967
1968	---	494.54R LE 24 OCT *	490.98R LE 27 FEV	1968
1969	---	494.50R LE 15 NOV	490.95R LE 26 MAR	1969
1970	---	494.51R LE 21 JUL	491.27R LE 15 FEV	1970
1971	---	492.99P LE 29 NOV	489.98R LE 10 MAR	1971
1972	---	493.18R LE 4 AOU	488.45R LE 31 DEC	1972
1973	---	494.50R LE 7 NOV	487.71R LE 7 AVR	1973
1974	---	494.47R LE 23 AOU	491.01R LE 5 FEV	1974
1975	---	494.47R LE 19 SEP	491.35R LE 22 JAN	1975
1976	---	494.51R LE 22 MAI	492.51R LE 13 FEV	1976
1977	---	494.47R LE 17 AOU	491.50R LE 23 MAR	1977
1978	---	494.50R LE 27 JUL	490.71R LE 10 AVR	1978
1979	---	494.49R LE 16 NOV	491.57R LE 4 AVR	1979
1980	---	494.50R LE 9 NOV	491.53R LE 18 AVR	1980
1981	---	494.48R LE 12 JUN	491.51R LE 3 AVR	1981
1982	---	494.42R LE 16 SEP	488.26R LE 29 AVR	1982
1983	---	494.51R LE 31 JUL	491.02R LE 17 AVR	1983
1984	---	494.28R LE 27 SEP	490.48R LE 2 AVR	1984
1985	---	493.70 LE 14 AOU	490.37 LE 21 JAN	1985

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
P - REVISEE DEPUIS JAN 1980

BOUCHETTE (LAC) - STATION NO 02RG005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	---	---	---	---	4.94	4.88	4.98	4.79	4.77	---	1977
1978	5.12	5.40	4.95	4.98	5.42	5.17	5.06	4.87	---	---	---	4.90	---	1978
1979	5.13	5.31	5.23	5.82	5.39	5.30	4.77	4.73	4.68	4.75	4.92	4.92	5.06	1979
1980	4.98	5.14	4.89	4.84	4.98	4.87	4.88	4.80	4.78	5.29	5.03	4.89	4.94	1980
1981	5.11	5.22	5.35	5.51	5.89	5.40	5.20	4.91	5.04	5.09	5.13	5.10	5.23	1981
1982	5.21	5.46	5.44	5.52	5.52	5.08	---	---	5.13	5.32	5.50	5.55	---	1982
1983	5.47	5.47	5.32	5.28	6.20	---	---	5.01	4.96	4.97	5.13	5.43	---	1983
1984	---	5.49	5.22	5.24	---	---	---	---	---	---	5.07R	5.27R	---	1984
1985	5.41	5.52	5.28	5.08	5.34	---	---	---	5.01	---	---	---	---	1985
MOYEN	5.21	5.38	5.19	5.26	5.51	5.18	5.00	4.89	4.90	5.07	5.08R	5.10R	5.08	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 304.800 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 48 15 44 BASSIN VERSANT, 824 km²
LONG 72 11 40 REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

BOUCHETTE (LAC) - STATION NO 02RG005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	5.29 LE 30 AVR	4.58 LE 20 SEP *	1979
1980	---	5.48 LE 12 OCT	4.57 LE 22 MAR	1980
1981	---	5.34 LE 17 MAI *	4.64 LE 10 AOU	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 304.800 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

BROME (LAC) A KNOWLTON - STATION NO 020G021

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	---	---	---	---	---	---	196.53	196.59	196.63	---	---	---	---	1966
1967	---	---	---	---	---	---	196.54	196.66	196.47	196.65	196.53	196.63	---	1967
1968	196.35	196.31	196.47	196.75	196.63	196.67	196.68	196.63	196.57	196.57	196.52	196.53	196.56	1968
1969	196.32	196.32	196.29	197.05	196.85	196.67	196.72	196.62	196.54	196.48	---	---	---	1969
1970	196.28	196.29	196.26	196.89	196.86	196.73	196.70	196.67	196.72	196.60	196.39	196.40	196.57	1970
1971	196.28	196.24	196.37	196.75	196.93	196.70	196.60	196.67	196.90	196.89	196.52	196.49	196.80	1971
1972	196.38	196.24	196.31	196.78	196.92	196.70	196.75	196.56	196.44	196.46	196.47	196.52	196.55	1972
1973	196.50	196.58	196.82	196.74	196.86	196.64	196.64	196.59	196.67	196.63	196.53	196.77	196.68	1973
1974	196.69	196.49	196.64	197.08	196.96	196.67	196.93	196.80	196.71	196.67	196.65	196.62	196.74	1974
1975	196.41	196.28	196.56	196.88	196.75	196.75	196.59	196.48	196.64	196.80	196.80	196.57	196.63	1975
1976	196.34	196.50	---	---	196.88	196.71	196.74	196.4	196.73	196.82	196.65	196.58	---	1976
1977	---	196.20	196.70	196.98	196.73	196.70	196.70	196.64	196.70	196.98	196.72	196.64	---	1977
1978	196.53	196.45	196.30	197.01	196.88	196.84	196.73	196.47	196.52	196.60	196.50	196.51	196.63	1978
1979	196.72	196.57	196.81	196.96	196.85	196.84	196.47	196.53	196.77	196.70	196.74	196.62	196.68	1979
1980	196.46	196.29	196.38	196.97	196.95	196.89	196.89	196.84	196.81	196.75	196.76	196.77	196.73	1980
1981	196.31	196.56	196.83	197.01	196.95	197.00	196.88	196.89	196.76	196.74	196.73	196.54	196.77	1981
1982	196.39	196.26	196.35	197.10	196.80	196.76	196.81	196.75	196.70	196.65	196.76	196.60	196.66	1982
1983	196.50	196.48	196.70	197.07	197.01	196.81	196.85	196.65	196.58	196.67	196.96	196.99	196.76	1983
1984	196.45	196.53	196.58	196.76	196.90	196.74	196.73	196.61	196.56	196.54R	196.70R	196.78R	196.66R	1984
1985	196.72	196.62	196.85	196.99	196.79	196.85	196.96	196.80	196.68	---	---	---	---	1985
MOYEN	196.45	196.40	196.54	196.93	196.85	196.76	196.71	196.68	196.67	196.67R	196.64R	196.62R	196.66R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 13 36 BASSIN VERSANT 198 km²
LONG 72 30 55 REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

BROME (LAC) A KNOWLTON - STATION NO 020G021

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	197.12 LE 30 MAR	196.17 LE 11 MAR *	1968
1969	---	---	---	1969
1970	---	197.29 LE 20 AVR	196.21 LE 28 JAN	1970
1971	---	197.25 LE 5 MAI	196.20 LE 13 FEV	1971
1972	---	197.25 LE 5 MAI	196.20 LE 18 FEV	1972
1973	---	197.26 LE 19 MAR	196.36 LE 19 JAN	1973
1974	---	197.29 LE 25 AVR	196.35 LE 4 MAR	1974
1975	---	197.27 LE 21 AVR	196.24 LE 22 FEV	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	197.39 LE 21 AVR	196.24 LE 14 MAR	1978
1979	---	197.28 LE 26 MAR	196.40 LE 30 JUL	1979
1980	---	197.11 LE 15 AVR	196.23 LE 15 MAR	1980
1981	---	197.27 LE 10 JUN	196.19 LE 31 JAN	1981
1982	---	197.54 LE 19 AVR *	196.19 LE 2 MAR	1982
1983	---	197.46 LE 18 DEC	196.32 LE 6 MAR	1983
1984	---	197.06 LE 6 MAI	196.24 LE 13 FEV	1984
1985	---	197.13 LE 8 AVR	196.56 LE 13 FEV	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

BROME (LAC) AU BARRAGE - STATION NO 020G024

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1935	---	---	---	---	13.74	13.74	13.52	13.37	13.27	13.47	13.61	13.58	---	1935
1936	13.39	13.20	13.56	13.74	13.62	13.44	13.54	13.47	13.54	13.70	13.73	13.40	13.53	1936
1937	13.69	13.40	13.12	13.57	13.61	13.55	13.51	13.42	13.16	13.04	13.37	13.57	13.42	1937
1938	13.38	13.85	---	13.56	13.45	13.38	---	13.51	13.60	13.49	13.43	13.46	---	1938
1939	13.24	13.05	13.24	13.57	13.60	13.43	13.37	13.41	13.01	13.18	13.39	13.05	13.28	1939
1940	12.90	12.74	12.74	13.51	13.69	13.28	13.18	13.07	12.85	12.91	13.34	13.55	13.14	1940
1941	---	12.86	12.44	13.05	13.41	13.37	13.33	13.06	---	---	13.75	13.62	---	1941
1942	13.66	13.25	13.02	13.32	13.50	13.66	13.63	13.63	13.44	13.51	13.65	13.56	13.48	1942
1943	13.37	12.91	13.28	13.21	13.18	13.74	13.65	13.48	13.45	13.27	13.56	13.52	13.39	1943
1944	13.28	---	13.18	---	13.36	---	13.62	13.57	13.37	13.37	13.36	13.41	---	1944
1945	13.49	13.43	13.28	13.12	13.26	13.59	13.63	---	---	12.99	12.79	13.37	---	1945
1946	13.66	13.63	13.30	12.84	13.08	---	13.55	---	13.39	13.56	13.01	12.78	---	1946
1947	13.20	13.13	12.87	12.83	12.86	13.02	13.64	13.58	13.45	13.20	12.95	12.91	13.15	1947
1948	12.89	12.84	12.83	13.08	13.64	13.65	13.60	13.53	13.46	13.42	13.59	13.65	13.33	1948
1949	13.61	12.77	12.78	13.00	13.50	13.69	13.61	13.54	13.46	13.37	13.48	13.59	13.37	1949
1950	13.46	13.07	12.86	12.86	13.33	13.68	13.60	13.60	13.27	13.48	13.38	13.05	13.31	1950
1951	13.46	13.44	13.00	13.21	13.44	13.70	13.63	13.61	13.57	13.25	13.43	13.42	13.43	1951
1952	13.31	13.28	13.06	13.41	13.66	13.46	13.57	13.53	13.50	13.45	13.46	13.60	13.44	1952
1953	13.50	13.27	13.07	13.29	13.34	13.63	13.62	13.57	13.41	13.31	13.23	13.35	13.38	1953
1954	13.25	13.28	13.23	13.38	13.68	13.66	13.61	13.62	13.49	13.04	13.21	13.52	13.40	1954
1955	13.55	13.46	13.21	13.17	13.37	13.65	13.68	13.52	13.45	13.42	13.50	13.45	13.44	1955
1956	13.42	13.31	13.18	13.18	13.28	13.61	---	---	---	---	---	---	---	1956
MOYEN	13.38	13.18	13.08	13.28	13.44	13.64	13.55	13.48	13.38	13.32	13.39	13.40	13.37	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 17 02 BASSIN VERSANT 198 km²
LONG 72 30 33 REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

BROME (LAC) AU BARRAGE - STATION NO. 020C024

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1935	---	---	---	1935
1936	---	---	---	1936
1937	---	14.11 LE 22 MAR	13.05 LE 27 FEV	1937
1938	---	14.02 LE 20 AVR	12.88 LE 4 AVR	1938
1939	---	---	---	1939
1940	---	14.14 LE 25 AVR *	12.80 LE 22 SEP	1940
1941	---	---	---	1941
1942	---	14.05 LE 23 AVR	12.58 LE 1 JUN	1942
1943	---	---	---	1943
1944	---	13.84 LE 8 JAN	12.80 LE 9 MAR	1944
1945	---	13.96 LE 18 JUN	12.77 LE 15 FEV	1945
1946	---	---	---	1946
1947	---	---	---	1947
1948	---	---	---	1948
1949	---	13.96 LE 9 JUL	12.53 LE 15 MAR *	1949
1950	---	13.87 LE 21 MAI	12.59 LE 11 FEV	1950
1951	---	13.96 LE 7 JAN	12.85 LE 18 FEV	1951
1952	---	13.72 LE 25 MAI	12.88 LE 26 MAR	1952
1953	---	13.75 LE 5 JUN	12.83 LE 26 MAR	1953
1954	---	13.72 LE 10 MAI	12.98 LE 15 MAR	1954
1955	---	13.84 LE 24 AVR	12.85 LE 13 MAR	1955
1956	---	13.75 LE 2 JUN	12.83 LE 11 NOV	1956
		13.89 LE 16 JUN	12.80 LE 3 AVR	
		13.59 LE 13 JUN	12.93 LE 14 MAI	

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

BROMPTON (LAC) - STATION NO. 020F015

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1968	---	---	---	---	---	30.08	30.02	29.92	29.85	---	---	---	---	1968
1969	---	---	29.70	30.04	30.10	30.02	---	29.87	---	---	---	30.05	---	1969
1970	---	---	---	---	30.21	30.12	30.07	29.93	29.88	29.64	29.49	30.05	---	1970
1971	30.18	30.17	29.93	29.81	30.18	30.03	29.84	29.85	29.96	---	---	29.78	---	1971
1972	30.11	30.00	29.47	29.93	30.30	30.20	---	30.12	29.75	29.48	30.07	30.15	---	1972
1973	30.16	30.18	29.93	30.08	30.09	30.11	30.10	29.94	30.03	30.11	30.08	30.18	30.03	1973
1974	30.06	29.99	30.19	30.31	30.15	30.06	---	30.08	29.87	29.59	30.07	30.18	---	1974
1975	30.06	29.89	29.84	30.08	30.10	30.05	29.86	29.82	29.97	30.07	30.13	---	---	1975
1976	---	29.82	30.21	30.33	30.20	---	30.09	30.10	29.90	29.70	29.81	---	---	1976
1977	29.83	---	---	30.22	29.97	29.95	30.09	30.04	30.07	29.75	29.60	29.54	---	1977
1978	29.61	29.63	29.38	29.63	29.74	29.78	29.80	---	---	29.83	29.88	29.84	---	1978
1979	29.86	29.76	29.83	29.75	29.73	29.76	29.80	---	---	29.73	29.70	29.72	---	1979
1980	29.83	29.83	29.86	29.76	29.73	29.80	29.86	29.77	29.78	29.66	29.85	29.70	29.87	1980
1981	29.86	29.72	29.87	29.74	29.77	29.78	29.72	29.77	29.85	29.89	29.76	29.71	29.71	1981
1982	29.69	29.85	29.46	29.88	29.86	29.81	29.72	29.72	29.67	29.66	29.72	29.76	29.67	1982
1983	29.78	29.76	29.64	29.80	29.76	29.70	29.82	29.59	29.60	29.72	29.79	29.83	29.70	1983
1984	29.85	29.86	29.89	29.89	29.78	29.73	29.78	29.86	29.88	29.82R	29.89R	29.73R	29.88R	1984
1985	29.88	29.84	29.82	29.70	29.73	29.87	29.89	29.72	29.89	---	---	---	---	1985
MOYEN	27.54	27.62	27.80	27.90	28.07	28.02	27.70	28.38	28.22	27.43R	27.52R	27.57R	28.42R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 27 45
LONG 72 08 00

BASSIN VERSANT, 138 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

BROMPTON (LAC) - STATION NO. 020F015

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	30.43 LE 3 JUL *	29.87 LE 7 MAR	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	25.83 LE 30 AVR	25.49 LE 2 MAR	1981
1982	---	25.93 LE 28 FEV	25.55 LE 5 JAN	1982
1983	---	25.15 LE 20 AVR	25.37 LE 10 MAR	1983
1984	---	25.12 LE 17 DEC	25.40 LE 7 AVR	1984
1985	---	25.89 LE 10 MAI	25.25 LE 29 MAR	1985
		25.89 LE 5 MAR	25.22 LE 27 MAR *	

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

BULSTRODE (RIVIERE) A SAINT-VALERE-2 - STATION NO. 02DD009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1976	---	---	---	125.58	125.33	124.94	125.12	125.08	125.10	125.17	125.32	125.15	---	1976
1977	---	125.04	---	---	---	125.02	126.81	126.82	126.86	129.12	128.98	128.05	---	1977
1978	128.88	128.87	128.83	128.59	128.83	128.78	128.82	126.76	126.86	128.79	128.84	126.88	128.83	1978
1979	128.84	128.79	129.05	129.21	128.93	128.90	128.50	128.89	128.95	128.89	129.05	129.05	128.91	1979
1980	128.88	128.70	128.82	129.07	128.98	128.86	128.90	128.86	128.81	128.89	129.04	129.01	128.91	1980
1981	128.87	128.12	128.99	129.08	128.99	129.06	128.87	128.98	128.83	129.06	129.01	128.95	128.98	1981
1982	128.83	128.84	128.94	129.22	128.97	128.75	128.48	128.58	128.86	128.99	128.79	129.04	128.88	1982
1983	128.83	128.86	128.62	129.14	129.00	128.91	128.75	128.72	128.35	128.86	---	128.95	---	1983
1984	128.76	128.89	128.85	129.17	129.08	128.85	128.88	128.53	128.75	128.90R	129.02R	128.85R	128.89R	1984
1985	128.13	128.24	128.01	129.12	128.88	128.90	128.81	128.85	128.87	---	---	---	---	1985
MOYEN	128.78	128.38	128.90	128.89	128.55	128.20	128.39	128.36	128.45	128.53R	128.52R	128.44R	128.90R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 04 12 BASSIN VERSANT, 342 km²
LONG 71 56 37 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

BULSTRODE (RIVIERE) A SAINT-VALERE-2 - STATION NO 02DD009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	129.76 LE 10 JAN	127.27 LE 16 AVR	1978
1979	---	130.33 LE 25 MAR *	127.81 LE 28 SEP	1979
1980	---	129.83 LE 10 AVR	127.24 LE 26 SEP	1980
1981	---	129.86 LE 30 MAR	128.04 LE 24 FEV	1981
1982	---	130.30 LE 18 AVR	127.00 LE 21 NOV	1982
1983	---	---	---	1983
1984	---	129.68 LE 24 MAI	127.90R LE 17 DEC	1984
1985	---	129.75 LE 17 AVR	126.81 LE 31 JAN *	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

CABANO (RIVIERE) AU LAC LONG - STATION NO 01AD009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1973	---	---	---	---	29.77	29.44	29.22	29.21	29.13	29.12	29.14	---	---	1973
1974	---	29.23	29.26	29.43	30.04	---	29.24	29.17	29.13	---	---	---	---	1974
1975	29.25	29.20	29.19	29.35	29.69	29.48	29.23	29.14	29.11	29.09	29.14	---	---	1975
1976	---	29.22	---	---	---	29.40	29.27	29.52	29.45	29.57	29.59	---	---	1976
1977	---	---	---	29.73	29.82	---	---	---	29.21	29.41	29.42	---	---	1977
1978	---	---	---	---	---	29.42	---	---	---	29.11	29.14	29.19	---	1978
1979	---	---	---	29.76	29.76	---	---	29.22	29.35	29.33	29.32	---	---	1979
1980	---	---	---	---	---	29.58	29.34	29.34	29.33	29.24	29.26	29.31	---	1980
1981	---	---	---	29.67	29.82	29.44	29.34	29.51	29.31	29.27	29.49	---	---	1981
MOYEN	29.25	29.22	29.23	29.59	29.78	29.42	29.27	29.30	29.24	29.28	29.32	29.19	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 188.271 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 47 27 52 BASSIN VERSANT, 172 km²
LONG 69 00 07 DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

CANIAPISCAU (RESERVOIR) A DUPLANTER - STATION NO 03LB005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1981	---	---	---	---	---	---	---	---	---	---	$07.297R	$10.168R	---	1981
1982	$11.587R	$12.398R	$13.942R	$13.414R	$14.340R	$18.568R	$21.758R	$23.542R	$24.636R	$25.762R	$26.465R	$26.998R	$19.404R	1982
1983	$27.277R	$27.508R	$27.674R	$27.899R	$29.005R	$30.644R	$31.712R	$32.435R	$32.962R	$33.725R	$34.303R	$34.821R	$30.834R	1983
1984	$34.816R	$34.685R	$34.440R	$33.915R	$34.208R	$34.973R	$35.125R	$35.393R	$35.427R	$35.085R	$34.727R	$34.580R	$34.782R	1984
1985	$34.334R	---	---	---	---	---	---	---	---	---	---	---	---	1985
MOYEN	$27.004R	$24.853R	$25.019R	$25.078R	$25.839R	$28.055R	$29.631R	$30.457R	$31.008R	$31.524R	$25.898R	$26.591R	$28.340R	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 54 51 00 BASSIN VERSANT, 35 900 km²
LONG 69 48 00

DONNEES FOURNIES PAR -
HYDRO-QUEBEC

R - REVISEE DEPUIS JAN 1980

CANIAPISCAU (RESERVOIR) A DUPLANTER - STATION NO. 03LB005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1981	---	---	---	1981
19 2	---	---	---	1982
1983	---	527.982R LE 19 DEC	511.088R LE 1 JAN *	1983
1984	---	534.748R LE 31 DEC	527.140R LE 1 JAN	1984
		538.540R LE 7 SEP *	533.718R LE 23 AVR	
1984	---	---	---	1985

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

CANIAPISCAU (RIVIERE) A DUPLANTER - STATION NO. 03LB003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1974	---	---	---	---	---	488.982R	489.043R	488.246R	488.235R	488.800R	488.588R	488.881R	---	1974
1975	488.661R	488.159R	488.072R	488.075R	488.473R	486.576R	489.020R	488.755R	488.504R	488.369R	488.590R	488.869R	488.356R	1975
1976	488.835R	488.365R	488.231R	488.482R	489.511R	489.907R	488.738R	488.517R	488.210R	488.148R	488.523R	488.918R	488.699R	1976
1977	488.607R	488.442R	488.334R	488.331R	488.834R	490.034R	486.914R	488.679R	488.883R	488.785R	488.854R	489.250R	488.830R	1977
1978	489.199R	488.821R	488.592R	488.389R	488.833R	489.443R	489.435R	489.234R	488.955R	488.582R	488.569R	488.698R	488.912R	1978
1979	489.010R	488.833R	488.532R	488.659R	490.076R	489.809R	488.910R	488.518R	488.583R	488.750R	489.144R	489.064R	489.000R	1979
1980	489.172R	489.019R	488.732R	488.518R	489.286R	489.719R	488.926R	488.596R	488.377R	488.520R	488.817R	489.119R	488.900R	1980
1981	488.846R	488.593R	488.481R	488.326R	488.785R	490.112R	489.239R	488.347R	488.170R	---	---	---	---	1981
MOYEN	488.901R	488.605R	488.425R	488.397R	489.114R	489.445R	489.028R	488.624R	488.490R	488.536R	488.738R	489.010R	488.783R	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 54 54 40
LONG 69 48 00

BASSIN VERSANT, 38 900 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
HYDRO-QUEBEC

R - REVISEE DEPUIS JAN 1980

CANIAPISCAU (RIVIERE) A DUPLANTER - STATION NO. 03LB003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	490.359R LE 7 JUN	388.347R LE 10 JUN *	1976
1977	---	490.713R LE 31 MAI	488.091R LE 10 OCT	1977
1978	---	490.472R LE 8 JUN	488.302R LE 4 AVR	1978
1979	---	489.771R LE 27 JUN	488.302R LE 25 AVR	1979
		491.127R LE 24 MAI *	488.265R LE 7 NOV	
1980	---	---	---	1980
1981	---	490.015R LE 28 MAI	488.344R LE 28 SEP	1981
		---	---	

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

CHALEURS (BAIE DES) A CARLETON - STATION NO. 01BG007

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1969	---	---	---	---	---	---	---	---	---	---	0.41	---	---	1969
MOYEN	---	---	---	---	---	---	---	---	---	---	0.41	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 05 25
LONG 65 08 58

DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

CHAMPLAIN (LAC) - STATION NO. 02PC014

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1978	---	---	---	---	---	---	---	---	29.85	29.95	29.86	29.70	---	1978
1980	---	---	---	29.65	29.84	---	---	29.88	29.97	29.72	29.38	29.32	---	1980
1981	29.28	29.32	29.31	29.50	29.85	29.79	29.72	29.65	---	---	---	---	---	1981
1982	---	---	---	---	---	30.13	30.07	30.04	30.08	30.10	30.14	30.08	---	1982
1983	30.08	30.02	30.00	30.04	30.35	30.20	30.09	30.08	30.08	30.09	30.05	30.03	30.09	1983
1984	29.98	29.97	29.98	30.06	30.28	30.14	30.13	30.11	30.05	30.08R	30.08R	30.05R	30.07R	1984
1985	---	---	---	---	---	30.19	---	---	---	---	---	---	---	1985
MOYEN	29.77	29.77	29.76	29.82	30.03	30.09	30.00	29.84	30.03	29.87R	29.87R	29.87R	30.08R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 28 15
LONG 71 27 46

BASSIN VERSANT, 17.3 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

CHAMPLAIN (LAC) - STATION NO 02PC014

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	30 58 LE 10 MAI *	29 98 LE 11 MAR	1984
		30 38 LE 2 MAI	29 85 LE 10 FEV *	
1985	---	---	---	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CHAMPLAIN (LAC) A PHILIPSBURG - STATION NO 020H001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	---	---	---	---	---	---	---	---	---	---	---	4 075	---	1964
1965	4 178	4 232	4 285	4 369	4 802	4 381	4 323	4 218	4 329	4 509	4 623	4 782	4 395	1965
1966	4 685	4 807	5 034	5 297	5 193	4 911	4 528	4 382	4 342	4 282	4 266	4 328	4 552	1966
1967	4 301	4 388	4 386	5 192	5 278	5 035	4 777	4 583	4 463	4 485	4 533	4 584	4 672	1967
1968	4 609	4 556	4 757	5 511	5 218	4 910	4 789	4 555	4 392	4 267	4 313	4 778	4 721	1968
1969	4 744	4 771	4 882	5 735	6 047	5 412	4 880	4 801	4 642	4 441	4 676	4 786	4 968	1969
1970	4 717	4 814	4 786	5 590	5 858	5 080	4 891	4 680	4 375	4 439	4 461	4 496	4 811	1970
1971	4 471	4 482	4 750	5 538	5 212	5 391	4 815	4 693	4 865	4 649	4 422	4 547	4 905	1971
1972	4 618	4 542	4 698	5 430	6 211	5 556	5 277	5 161	4 785	4 496	4 664	5 040	5 042	1972
1973	5 183	5 233	5 578	5 929	5 823	5 847	5 557	5 040	4 731	4 652	4 514	4 853	5 219	1973
1974	5 350	5 194	5 232	5 695	5 882	5 348	4 983	4 768	4 578	4 470	4 474	4 775	5 058	1974
1975	4 694	4 586	4 816	5 334	5 493	4 989	4 617	4 423	4 425	4 745	5 015	5 060	4 850	1975
1976	4 809	5 069	5 690	6 175	5 812	5 333	5 132	5 312	5 111	5 096	5 120	4 842	5 296	1976
1977	4 610	4 498	5 183	5 914	5 482	4 808	4 620	4 437	4 524	5 367	5 458	5 332	5 012	1977
1978	5 291	5 222	4 909	5 855	5 845	5 295	4 882	4 539	4 315	4 241	4 207	4 144	4 893	1978
1979	4 526	4 520	5 375	5 864	5 481	5 119	4 891	4 498	4 842	4 577	4 609	4 745	4 895	1979
1980	4 642	4 368	4 342	5 029	4 884	4 618	4 432	4 448	4 446	4 435	4 458	4 652	4 570	1980
1981	4 509	4 475	5 405	5 275	5 058	4 892	4 844	4 708	4 780	5 134	5 388	5 051	4 976	1981
1982	4 837	4 735	4 775	5 756	5 622	5 012	4 772	4 516	4 383	4 291	4 337	4 402	4 786	1982
1983	4 457	4 641	4 816	5 383	6 246	5 748	4 977	4 752	4 529	4 390	4 686	5 640	5 025	1983
1984	5 389	5 139	5 169	5 909	5 639	5 672	5 186	4 790	4 563	4 386	4 362	4 525	5 025	1984
1985	4 845	4 857	5 061	5 380	5 154	4 833	4 887	4 449	4 392	4 523	4 874	4 732	4 781	1985
MOYEN	4 736	4 730	4 938	5 509	5 567	5 144	4 810	4 643	4 553	4 585	4 631	4 738	4 883	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 24 384 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 02 23
LONG 73 04 47

DEBIT NATUREL

CHAMPLAIN (LAC) A PHILIPSBURG - STATION NO 020H001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	---	5 988 LE 24 NOV *	1964
1965	---	---		
1966	---	4 932 LE 1 DEC	4 083 LE 31 JUL	1965
1967	---	5 398 LE 21 AVR	4 173 LE 2 NOV	1966
1968	---	5 459A LE 22 AVR	4 246A LE 24 JAN	1967
1969	6 300 LE 27 AVR A 1635 HNE	5 731 LE 8 AVR	4 127 LE 12 NOV	1968
		6 291 LE 1 MAI	4 322 LE 22 OCT	1969
1970	6 279 LE 1 MAI A 0920 HNE	6 327 LE 1 MAI	4 316 LE 15 SEP	1970
1971	6 437 LE 13 MAI A 0048 HNE	5 395 LE 12 MAI	4 307 LE 22 NOV	1971
1972	6 532 LE 11 MAI A 1030 HNE *	6 474 LE 11 MAI	4 389 LE 29 OCT	1972
1973	6 163 LE 6 AVR A 1430 HNE	6 123 LE 8 AVR	4 407 LE 15 NOV	1973
1974	6 084 LE 1 MAI A 1405 HNE	6 017 LE 1 MAI	4 322 LE 21 NOV	1974
1975	6 708 LE 1 MAI A 2233 HNE	5 891 LE 2 MAI	4 328 LE 30 AOU	1975
1976	6 529 LE 5 AVR A 0728 HNE	6 514 LE 5 AVR *	4 706 LE 31 DEC	1976
1977	6 130 LE 28 AVR A 0718 HNE	6 032 LE 6 AVR	4 362 LE 15 AOU	1977
1978	6 276 LE 1 MAI A 1515 HNE	6 197 LE 30 AVR	4 112 LE 7 DEC	1978
1979	6 105 LE 6 AVR A 0759 HNE	6 023 LE 6 AVR	4 203E LE 1 JAN	1979
1980	5 346 LE 20 AVR A 0950 HNE	5 207 LE 20 AVR	4 191 LE 13 MAR	1980
1981	5 708 LE 26 FEV A 2008 HNE	5 892 LE 2 MAR	4 427 LE 1 FEV	1981
1982	6 129 LE 21 AVR A 0045 HNE	6 077 LE 25 AVR	4 196 LE 2 NOV	1982
1983	5 459A LE 8 MAI A 0839 HNE	5 458A LE 9 MAI	4 259 LE 4 NOV	1983
1984	5 931 LE 9 JUN A 1517 HNE	5 931 LE 9 JUN	4 271 LE 7 NOV	1984
1985	5 458 LE 24 AVR A 1082 HNE	5 427 LE 24 AVR	4 312 LE 31 AOU	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 24.384 m POUR OBTENIR LES COTES GEODESIQUES

A - JAUGE MANUELLE (VOIR INDEX DE REFRENCE)

E - ESTIMATIVE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CHATEAUGUAY (RIVIERE) A CHATEAUGUAY-CENTRE - STATION NO. 02DA012

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1937	---	---	---	---	---	---	---	---	---	21.222	21.444	21.517	---	1937
1938	21.679	22.114	22.578	22.047	21.740	21.218	21.134	21.079	21.157	21.140	21.168	21.528	21.545	1938
1939	21.815	21.645	21.988	22.922	21.808	21.405	21.201	21.117	21.105	21.141	21.264	21.638	21.586	1939
1940	21.528	21.613	21.876	22.698	21.547	21.527	21.395	21.172	21.122	21.130	21.358	21.815	21.584	1940
1941	22.008	21.737	21.871	22.261	21.297	21.170	21.042	21.018	21.016	21.049	21.182	21.490	21.412	1941
1942	21.836	21.569	22.586	22.213	21.352	21.303	21.081	21.095	21.094	21.107	21.231	21.349	21.493	1942
1943	21.691	22.184	22.877	22.066	22.410	21.800	21.547	21.374	21.299	21.299	21.512	21.785	21.835	1943
1944	21.838	21.922	22.512	22.112	21.808	21.281	21.164	21.082	21.100	21.173	21.226	21.554	21.547	1944
1945	21.691	21.771	22.647	21.914	22.237	21.839	21.352	21.158	21.204	21.689	21.777	22.014	21.758	1945
1946	22.156	21.984	22.603	21.695	21.718	21.293	21.108	21.110	21.055	21.416	21.734	21.999	21.656	1946
1947	22.174	22.231	22.431	22.623	22.592	22.650	22.023	21.491	21.383	21.191	21.428	21.920	22.010	1947
1948	21.552	21.815	22.514	21.826	21.651	21.446	21.189	21.172	21.051	21.030	21.246	21.328	21.484	1948
1949	22.228	22.367	22.355	22.026	21.476	21.131	21.020	21.033	21.140	21.204	21.420	21.918	21.605	1949
1950	22.382	21.872	22.261	22.381	21.597	21.382	21.217	21.213	21.238	21.215	21.623	21.897	21.890	1950
1951	22.561	22.362	22.917	22.667	21.835	21.504	21.619	21.286	21.205	21.208	21.606	21.746	21.874	1951
1952	22.364	22.269	22.643	22.280	21.871	21.841	21.532	21.381	21.255	21.413	21.312	21.717	21.822	1952
1953	22.023	22.401	22.727	22.152	21.846	21.370	21.264	21.178	21.158	21.142	21.070	21.382	21.639	1953
1954	21.820	22.001	22.352	22.388	21.948	21.719	21.340	21.228	21.563	21.819	21.847	22.189	21.831	1954
1955	22.338	21.904	22.812	22.718	21.686	21.398	21.158	21.180	21.159	21.180	21.308	21.240	21.668	1955
1956	21.626	21.474	21.850	22.356	21.914	21.536	21.253	21.087	21.147	21.063	20.998	21.310	21.468	1956
1957	22.031	22.244	22.476	21.777	21.680	21.382	21.386	21.119	21.081	21.116	21.202	21.877	21.610	1957
1958	22.054	21.916	21.869	22.568	21.718	21.614	21.472	21.372	21.491	21.747	21.731	22.003	21.795	1958
1959	22.022	21.871	22.285	22.320	21.736	21.739	21.453	21.397	21.218	21.182	21.343	21.802	21.702	1959
1960	21.747	22.135	21.963	23.069	22.170	21.688	21.583	21.327	21.059	21.136	21.273	21.261	21.658	1960
1961	21.404	21.616	22.199	22.310	21.611	21.644	21.467	21.295	21.203	21.139	21.179	21.658	21.550	1961
1962	21.717	21.701	22.211	22.442	21.857	21.448	21.444	21.879	21.495	21.843	22.066	22.050	21.847	1962
1963	21.894	21.672	22.240	22.744	22.122	21.186	21.070	21.256	21.345	21.187	21.663	21.806	21.682	1963
1964	21.793	21.871	21.918	21.828	21.403	21.156	21.076	21.120	21.106	21.109	21.200	21.487	21.405	1964
1965	21.594	22.115	21.530	21.559	21.320	21.073	21.051	21.240	21.318	21.503	21.732	21.784	21.481	1965
1966	21.870	21.809	22.437	21.785	21.466	21.236	21.080	21.161	21.123	21.097	21.184	21.478	21.493	1966
1967	21.560	21.697	21.720	22.195	21.609	21.354	21.228	21.187	21.201	21.403	21.893	21.928	21.580	1967
1968	21.888	21.800	22.318	21.880	21.452	21.208	21.331	21.364	21.389	21.311	21.610	21.906	21.630	1968
1969	21.942	22.043	21.928	22.578	21.980	21.815	21.671	21.653	21.462	21.320	21.603	21.604	21.791	1969
1970	21.600	21.874	21.821	22.472	21.748	21.392	21.477	21.489	21.441	21.477	21.519	21.779	21.855	1970
1971	21.784	21.824	22.149	22.854	22.240	21.482	21.258	21.318	21.357	21.238	21.182	21.651	21.702	1971
1972	21.858	21.708	21.889	22.836	22.373	22.037	22.050	22.015	21.758	21.759	22.038	22.178	22.042	1972
1973	22.344	22.427	22.828	22.503	22.385	22.307	22.079	21.831	21.745	21.727	21.679	21.920	22.147	1973
1974	22.132	22.041	22.243	22.711	22.694	22.333	22.048	21.862	21.657	21.596	21.617	21.738	22.058	1974
1975	21.788	21.668	22.080	22.449	22.012	21.805	21.494	21.378	21.451	21.611	21.853	21.938	21.794	1975
1976	21.771	22.269	22.680	22.615	22.458	22.090	22.028	21.794	21.584	21.876	21.660	21.646	22.047	1976
1977	21.651	21.552	22.432	22.187	21.637	21.282	21.151	21.246	21.452	22.170	21.860	22.128	21.731	1977
1978	22.173	22.132	21.928	22.951	22.054	21.745	21.408	21.305	21.275	21.257	21.185	21.300	21.720	1978
1979	21.732	21.727	22.433	22.252	22.185	21.678	21.401	21.336	21.614	21.679	21.805	21.950	21.817	1979
1980	21.634	21.291	21.557	22.018	21.781	21.454	21.441	21.531	21.670	21.805	21.772	22.283	21.669	1980
1981	21.695	22.319	21.824	21.918	21.541	21.513	21.389	22.300	22.552	22.551	22.551	22.255	22.031	1981
1982	21.920	21.712	22.078	22.178	21.678	21.499	21.444	21.351	21.357	21.314	21.648	21.861	21.670	1982
1983	21.658	21.820	21.822	22.263	22.263	21.876	21.400	21.338	21.283	21.280	21.655	22.464	21.768	1983
1984	21.839	22.088	21.874	22.235	22.083	21.852	21.684	21.621	21.535	21.285	21.340	21.655	21.763	1984
1985	21.847	21.947	22.346	22.183	21.976	21.631	21.533	21.563	21.511	21.537	21.540	21.837	21.785	1985
MOYEN	21.883	21.917	22.239	22.316	21.861	21.588	21.403	21.358	21.340	21.385	21.521	21.782	21.712	MOYEN

PLAN DE REFERENCE - MINISTERE DES TRAVAUX PUBLICS
AJOUTER -20.050 m POUR OBTENIR LES COTES ARBITRAIRE

LOCATION - LAT 45 21 42
LONG 73 44 53 REGULARISE

CHATEAUGUAY (RIVIERE) A CHATEAUGUAY-CENTRE - STATION NO. 02DA012

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1937	---	---	---	1937
1938	---	24.857 LE 21 MAR	20.941 LE 29 AOU	1938
1939	---	24.189 LE 10 AVR	20.971 LE 3 SEP	1939
1940	---	24.980 LE 10 AVR	20.990 LE 23 SEP	1940
1941	---	23.251 LE 3 AVR	20.883 LE 10 AOU	1941
1942	---	24.117 LE 18 MAR	20.840 LE 23 AOU	1942
1943	---	24.528 LE 27 MAR	21.130 LE 9 OCT	1943
1944	---	24.851 LE 26 MAR	20.985 LE 9 AOU	1944
1945	---	24.175 LE 18 MAR	21.048 LE 19 AOU	1945
1946	---	24.897 LE 10 MAR	20.837 LE 3 SEP	1946
1947	---	24.013 LE 7 AVR	20.889 LE 31 OCT	1947
1948	---	25.085 LE 17 MAR	20.898 LE 28 OCT	1948
1949	---	24.772 LE 25 MAR	20.862 LE 12 JUL	1949
1950	---	25.309 LE 29 MAR *	21.026 LE 9 OCT	1950
1951	---	25.126 LE 30 MAR	20.938 LE 30 AOU	1951
1952	---	23.901 LE 28 MAR	21.063 LE 5 NOV	1952
1953	---	23.803 LE 17 MAR	20.856 LE 4 NOV	1953
1954	---	23.493 LE 2 MAR	21.115 LE 4 AOU	1954
1955	---	24.373 LE 13 MAR	21.017 LE 14 OCT	1955
1956	---	23.864 LE 6 AVR	20.858 LE 29 OCT	1956
1957	---	24.721 LE 16 MAR	20.877 LE 31 OCT	1957
1958	---	23.488 LE 5 AVR	20.883 LE 9 AOU	1958
1959	---	22.816 LE 10 AVR	20.981 LE 21 SEP	1959
1960	---	25.132 LE 3 AVR	21.002 LE 26 SEP	1960
1961	---	23.279 LE 4 MAR	20.892 LE 15 OCT	1961
1962	---	24.254 LE 29 MAR	21.185 LE 14 JUN	1962
1963	---	25.013 LE 31 MAR	21.005 LE 2 JUL	1963
1964	---	22.819 LE 6 MAR	20.956 LE 28 JUN	1964
1965	---	23.907 LE 13 FEV	20.883 LE 4 JUL	1965
1966	---	24.144 LE 6 MAR	21.083 LE 17 OCT	1966
1967	---	23.846 LE 3 AVR	21.115 LE 8 AOU	1967
1968	---	23.860 LE 22 MAR	21.112 LE 19 JUN	1968
1969	---	23.291 LE 11 AVR	21.157 LE 11 OCT	1969
1970	---	23.520 LE 10 AVR	21.188 LE 22 JUN	1970
1971	---	23.845 LE 22 AVR	21.142 LE 15 NOV	1971
1972	---	23.605 LE 8 AOU	21.569 LE 23 OCT	1972
1973	---	24.283 LE 9 MAR	21.483 LE 30 OCT	1973
1974	---	24.748 LE 5 AVR	21.404 LE 12 NOV	1974
1975	---	23.770 LE 20 AVR	21.307 LE 25 AOU	1975
1976	---	23.949 LE 22 MAR	21.453 LE 5 DEC	1976
1977	---	24.089 LE 12 MAR	21.090 LE 26 JUL	1977
1978	---	24.181 LE 14 AVR	19.981 LE 31 MAR *	1978
1979	---	23.742 LE 6 MAR	21.221 LE 31 JUL	1979
1980	---	22.903 LE 19 MAR	20.806 LE 11 MAR	1980
1981	---	24.194 LE 29 OCT	21.212 LE 31 JUL	1981
1982	---	23.752 LE 1 AVR	21.188 LE 23 AOU	1982
1983	---	23.595 LE 14 DEC	21.112 LE 4 OCT	1983
1984	---	23.297 LE 16 FEV	21.163 LE 1 NOV	1984
1985	---	23.998 LE 27 FEV	21.268 LE 3 NOV	1985

PLAN DE REFRENCE - MINISTERE DES TRAVAUX PUBLICS
AJOUTER -20.050 m POUR OBTENIR LES COTES ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CHAUDIERE (RIVIERE) A SAINT-LAMBERT-DE-LEVIS - STATION NO. 02PJ005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	20.93	21.10	21.32	---	1982
1983	21.45	21.44	21.55	22.49	21.83	21.12	20.83	20.81	20.68	20.91	21.27	21.53	21.27	1983
1984	21.29	21.55	21.67	22.41	21.44	21.35	21.32	20.80	20.71	20.82R	20.95R	21.30R	21.30R	1984
1985	21.82	21.44	21.82	22.43	21.24	21.00	20.85	20.71	20.78	---	---	---	---	1985
MOYEN	21.45	21.48	21.71	22.44	21.44	21.16	20.83	20.71	20.73	20.89R	21.11R	21.38R	21.29R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 91.440 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 35 16 BASSIN VERSANT, S 820 km²
LONG 71 12 59 REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

CHAUDIERE (RIVIERE) A SAINT-LAMBERT-DE-LEVIS - STATION NO. 02PJ005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	23.43 LE 27 AVR	20.58 LE 21 JUL *	1983
1984	---	23.46 LE 8 AVR *	20.62 LE 16 SEP	1984
1985	---	23.33 LE 18 AVR	20.62 LE 25 AOU	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 91.440 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CHAUDIERE (RIVIERE) A SAINTE-MARIE - STATION NO. 02PJ006

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	43.09	43.46	43.94	---	1982
1983	43.64	43.42	43.70	45.58	44.41	43.39	42.47	42.44	42.56	43.00	43.71	43.96	43.52	1983
1984	43.31	43.80	43.85	45.35	44.01	43.79	43.75	42.78	42.57	42.81R	43.11R	43.41R	43.56R	1984
1985	43.41	43.28	44.08	45.15	---	---	---	---	42.85	---	---	---	---	1985
MOYEN	43.45	43.50	43.88	45.36	44.21	43.59	43.11	42.60	42.66	42.97R	43.43R	43.77R	43.53R	MOYEN

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 87.580 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT. 46 26 09
LONG 71 01 18
BASSIN VERSANT. 5 570 km²
REGULARISE

DONNEES FOURNIES PAR :
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

CHAUDIERE (RIVIERE) A SAINTE-MARIE - STATION NO. 02PJ006

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	47.20 LE 27 AVR *	42.37 LE 21 JUL *	1984
1985	---	46.75 LE 18 AVR	42.39 LE 20 SEP	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 87.580 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CHAUDIERE (RIVIERE) AU RESERVOIR SARTIGAN - STATION NO. 02PJ015

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	45.28	45.49	45.54	---	1982
1983	45.50	45.58	45.64	46.41	45.70	45.45	45.05	45.02	45.08	45.27	45.48	45.54	45.47	1983
1984	45.25	45.56	45.78	46.18	45.56	45.56	45.48	45.10	45.02	45.15R	45.27R	45.34R	45.44R	1984
1985	45.40	45.70	45.93	46.10	45.46	45.34	45.27	45.30	45.23	---	---	---	---	1985
MOYEN	45.38	45.65	45.78	46.23	45.57	45.45	45.26	45.14	45.10	45.23R	45.42R	45.47R	45.48R	MOYEN

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 128.765 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT. 46 05 52
LONG 70 39 22
BASSIN VERSANT. 3 070 km²
REGULARISE

DONNEES FOURNIES PAR :
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

CHAUDIERE (RIVIERE) AU RESERVOIR SARTIGAN - STATION NO. 02PJ015

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	47.34 LE 10 AVR	44.28 LE 12 MAR *	1984
1985	---	47.85 LE 7 AVR *	44.54 LE 11 SEP	1985
		47.34 LE 17 AVR	44.89 LE 30 MAI	

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 128.765 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CHAUDIERE (RIVIERE) EN AVAL DU BARRAGE A MEGANTIC - STATION NO. 02PJ012

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	46.04	45.96	46.27	---	1982
1983	46.21	46.13	46.01	46.74	46.84	46.32	45.89	45.87	45.87	46.22	46.05	46.46	46.22	1983
1984	45.99	46.05	46.39	47.00	46.65	46.52	46.32	45.86	45.92	46.04R	45.82R	46.10R	46.22R	1984
1985	46.25	45.98	46.47	46.87	46.67	46.18	46.14	46.00	46.19	---	---	---	---	1985
MOYEN	46.15	46.05	46.29	46.87	46.72	46.34	46.12	45.91	45.99	46.10R	45.94R	46.28R	46.22R	MOYEN

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 346.027 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT. 45 34 26
LONG 70 52 50
BASSIN VERSANT. 775 km²
REGULARISE

DONNEES FOURNIES PAR :
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

CHAUDIERE (RIVIERE) EN AVAL DU BARRAGE A MEGANTIC - STATION NO 02PJ012

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	48.27 LE 5 MAI *	45.61 LE 28 SEP *	1984
1985	---	47.98 LE 1 JUN	45.77 LE 16 JUN	1985
		47.79 LE 27 AVR	45.88 LE 21 AOU	

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 346.027 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CHAUDIERE (RIVIERE) EN AVAL DU BARRAGE SARTIGAN - STATION NO 02PJ014

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	29.46	29.69	29.70	---	1982
1983	29.68	30.10	29.96	30.43	30.10	29.71	29.08	29.05	29.13	29.44	29.70	29.85	29.88	1983
1984	29.64	29.81	29.76	30.45	29.97	29.85	29.71	29.19	29.06	29.26R	29.39R	29.51R	29.62R	1984
1985	29.72	29.74	30.04	30.22	29.82	29.48	29.40	28.20	28.37	---	---	---	---	1985
MOYEN	29.65	29.88	29.92	30.37	29.96	29.68	29.40	28.15	28.19	29.39R	29.59R	29.69R	29.65R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 137.885 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 05 52
LONG 70 39 22

BASSIN VERSANT, 3 070 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

CHAUDIERE (RIVIERE) EN AVAL DU BARRAGE SARTIGAN - STATION NO 02PJ014

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	31.79 LE 21 MAR *	28.71 LE 10 NOV *	1984
1985	---	31.21 LE 1 JUN	28.87 LE 12 SEP	1985
		31.28 LE 26 FEV	29.02 LE 23 AOU	

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 137.885 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CHAUDIERE (RIVIERE) EN AVAL DU RUISSEAU DROLET - STATION NO 02PJ002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	1982
1983	17.61	17.49	17.44	18.12	18.05	17.86	17.19	17.18	---	17.26	17.44	17.84	---	1983
MOYEN	17.61	17.49	17.44	18.12	18.05	17.86	17.19	17.18	---	17.26	17.44	17.84	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 304.800 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 41 30
LONG 70 47 09

BASSIN VERSANT, 1 170 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

CHIBOUGAMAU (LAC) DANS LA BAIE DU COMMENCEMENT - STATION NO 03AA006

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	---	---	---	---	---	---	---	13.59	13.46	13.41	---	13.24	---	1964
1965	13.15	13.02	12.86	12.67	13.13	13.46	13.38	13.50	13.42	13.37	13.25	13.13	13.20	1965
1966	12.96	12.86	12.81	12.85	13.21	---	---	---	13.48	13.51	13.61	13.45	---	1966
1967	13.23	12.94	12.77	12.56	12.84	13.34	13.23	12.82	12.83	---	---	---	---	1967
1968	---	---	---	---	---	---	13.23	13.11	13.08	13.18	13.13	---	---	1968
1969	12.90	---	---	---	---	---	---	---	---	---	---	12.98	---	1969
MOYEN	13.07	12.94	12.81	12.69	13.06	13.34	13.24	13.25	13.23	13.36	13.43	13.20	13.20	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 351.441 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 49 53 58
LONG 74 14 34

DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

CHIBOUGAMAU (LAC) DANS LA BAIE DU COMMENCEMENT - STATION NO. 03AA006

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	13.67 LE 13 AOU *	12.83 LE 27 AVR	1966
1967	---	---	---	1967
1968	---	13 39 LE 1 JAN	12.53 LE 24 AVR *	1968
1969	---	---	---	1969
		---	---	

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 351.481 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CHIBOUGAMAU (LAC) DANS LA BAIE QUEYLUS - STATION NO. 03AA007

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	---	---	---	---	---	---	---	74.86	74.63	74.46	74.35	74.29	---	1964
1965	74.20	74.10	---	73.93	---	74.47	---	74.62	74.43	74.36	74.24	74.14	---	1965
1966	74.04	73.98	73.95	73.95	74.23	74.55	74.44	74.54	74.42	74.46	74.53	74.46	74.30	1966
1967	74.33	74.19	74.07	74.01	74.14	74.39	74.31	74.17	74.06	74.19	74.41	74.33	74.22	1967
1968	74.18	74.10	73.99	74.05	74.35	74.28	74.18	74.16	74.23	74.19	74.18	74.08	74.18	1968
1969	74.06	73.99	73.94	73.92	74.20	74.58	74.62	74.38	74.26	74.22	74.25	74.23	74.21	1969
1970	74.18	74.08	74.01	73.97	74.35	74.69	74.66	74.55	74.38	74.28	74.13	74.05	74.28	1970
1971	73.99	73.96	73.94	73.92	74.20	74.27	74.18	---	74.20	74.23	74.20	---	---	1971
1973	---	---	---	---	---	---	---	---	74.41	---	---	---	---	1973
1974	---	74.09	74.00	73.88	74.40	74.82	74.85	---	---	74.15	---	---	---	1974
1975	---	---	73.86	73.84	74.26	74.58	---	---	---	74.23	74.20	---	---	1975
1976	74.08	74.01	---	74.02	74.28	74.62	---	---	74.26	74.25	74.21	---	---	1976
1977	---	---	74.00	73.88	74.36	74.54	74.43	---	74.25	74.14	---	74.05	---	1977
1978	74.04	74.08	74.08	---	---	---	---	---	74.42	---	---	---	---	1978
1981	---	---	---	29.26	29.80	29.66	29.80	29.23	29.12	---	---	---	---	1981
1982	---	29.07	29.04	29.07	29.48	---	---	---	---	---	---	---	---	1982
MOYEN	74.12	89.97	89.91	87.08	88.82	70.78	89.43	88.77	70.84	74.26	74.27	74.21	74.23	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 304.800 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 49 44 53 BASSIN VERSANT 1 020 km²
LONG 74 23 55 DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

CHIBOUGAMAU (LAC) DANS LA BAIE QUEYLUS - STATION NO. 03AA007

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	74.61 LE 9 AOU	73.83 LE 17 MAR	1966
1967	---	74.46 LE 12 NOV	73.88 LE 29 AVR	1967
1968	---	74.40 LE 19 MAI	73.85 LE 26 MAR	1968
1969	---	74.80 LE 11 JUN	73.91 LE 1 AVR *	1969
1970	---	74.76 LE 15 JUN *	73.94 LE 21 AVR	1970
1971	---	---	---	1971
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1981	---	---	---	1981
1982	---	---	---	1982

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 304.800 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CHICOUTIMI (RIVIERE) AU RESERVOIR KENOGAMI - STATION NO. 02RH002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1910	26.98	25.94	25.11	26.38	27.42	27.57	---	---	27.39	27.55	---	26.56	---	1910
1911	25.00	24.66	24.88	25.20	---	27.70	27.77	27.10	---	25.51	25.72	25.77	---	1911
1912	25.49	25.44	---	25.79	27.39	---	27.67	27.67	---	---	---	---	---	1912
1923	---	---	---	---	---	---	---	---	---	26.75	27.63	27.32	---	1923
1924	28.00	25.29	25.36	25.77	28.44	31.09	31.01	31.02	31.09	30.62	30.98	30.90	28.88	1924
1925	29.65	28.29	27.30	27.21	31.19	34.85	34.89	34.72	33.94	34.32	34.04	33.43	31.99	1925
1926	32.22	30.33	27.98	25.51	30.40	34.84	34.86	34.40	33.84	33.20	33.72	33.77	32.11	1926
1927	32.29	30.26	27.81	26.60	31.87	34.85	34.87	34.44	33.24	33.44	34.94	34.79	32.48	1927
1928	33.98	32.44	30.32	28.99	31.36	34.81	34.85	34.93	34.29	33.83	34.33	33.90	33.17	1928
1929	33.18	31.52	29.26	27.27	32.16	34.78	34.85	34.84	34.63	34.77	34.86	34.20	33.04	1929
1930	33.31	32.01	30.11	28.19	32.85	34.86	34.88	34.73	34.69	34.28	34.14	34.41	33.22	1930
1931	33.41	31.59	29.11	28.67	34.09	34.88	34.83	34.63	34.63	34.87	34.89	34.78	33.28	1931
1932	34.58	33.71	31.26	28.35	32.96	34.81	34.90	34.87	34.78	34.89	34.49	33.28	33.66	1932
1933	32.31	31.53	30.22	29.03	31.79	34.85	34.73	34.02	33.42	33.74	33.62	32.73	32.88	1933
1934	31.58	28.84	27.83	26.88	33.89	34.88	34.84	34.45	33.93	33.04	33.27	34.61	32.43	1934
1935	33.85	32.21	29.58	27.37	33.29	34.88	34.77	34.49	33.59	33.70	34.18	33.32	32.93	1935
1936	31.96	30.14	28.88	29.90	33.77	34.76	34.52	34.44	34.14	34.61	34.34	33.46	32.92	1936
1937	33.57	32.17	29.69	27.65	33.76	34.74	34.46	34.34	34.04	34.01	34.77	34.13	33.12	1937
1938	32.88	31.06	28.84	28.64	33.58	34.76	34.77	34.87	34.77	34.76	34.37	33.64	33.09	1938
1939	32.51	30.83	28.44	26.23	31.92	34.68	34.81	34.74	34.54	34.93	34.73	34.14	32.71	1939
1940	32.93	31.36	29.53	27.05	31.73	34.78	34.50	33.30	32.92	32.31	32.71	33.15	32.20	1940
1941	32.57	31.31	29.41	29.74	34.85	34.82	34.73	33.37	34.47	34.92	34.87	34.89	33.33	1941
1942	33.40	31.31	29.02	27.03	34.13	34.90	34.61	33.66	31.68	31.20	31.55	30.68	31.94	1942
1943	29.50	28.41	27.19	26.05	30.50	34.60	34.87	34.91	34.44	33.83	34.61	33.89	31.92	1943
1944	32.41	30.28	27.83	25.82	32.44	34.69	34.54	34.68	34.46	34.81	34.85	34.20	32.58	1944
1945	32.75	30.75	28.54	32.74	34.80	34.83	34.79	34.69	34.06	34.47	34.89	34.08	33.46	1945
1946	32.87	31.18	29.22	29.03	33.71	34.71	34.80	33.99	32.43	33.65	34.67	34.49	32.91	1946
1947	33.57	32.10	29.75	27.54	32.11	34.73	34.85	34.45	34.45	33.75	32.68	31.69	32.65	1947
1948	30.56	29.12	27.27	26.66	32.37	34.64	34.90	34.40	34.10	34.84	34.40	33.58	32.25	1948
1949	32.29	30.50	28.32	27.19	32.41	34.94	34.50	33.80	33.82	34.70	34.39	33.34	32.53	1949
1950	32.87	31.88	29.45	27.42	32.19	34.87	34.87	34.54	33.57	33.37	34.74	34.70	32.85	1950
1951	33.47	31.85	29.26	27.40	32.50	33.98	34.44	34.77	33.71	33.44	33.39	33.91	32.69	1951
1952	32.95	31.14	28.62	26.18	32.53	34.69	34.35	34.82	34.46	34.39	34.25	33.49	32.67	1952
1953	32.36	30.98	28.18	31.79	34.25	34.17	33.90	32.26	31.90	32.24	31.28	31.80	32.18	1953
1954	31.33	30.40	29.18	28.76	34.25	34.55	34.43	34.37	34.09	34.62	34.34	34.25	32.90	1954
1955	33.04	30.98	28.47	27.41	34.52	34.43	34.15	34.35	34.24	34.24	33.70	32.92	32.72	1955
1956	31.74	30.19	28.25	26.37	29.21	34.40	34.79	34.43	34.25	34.57	34.17	33.32	32.15	1956
1957	31.90	30.32	28.10	26.83	34.27	34.86	34.73	34.21	34.06	34.72	34.96	34.53	32.81	1957
1958	34.13	32.35	29.85	28.75	34.26	34.86	34.77	34.60	34.75	34.77	34.57	33.95	33.48	1958
1959	32.68	31.22	29.07	27.20	32.84	34.58	34.54	34.68	34.75	34.54	34.82	34.64	33.00	1959
1960	33.49	31.84	29.78	28.21	32.61	33.81	33.41	33.51	33.50	34.52	34.89	34.61	32.85	1960
1961	33.40	31.61	29.40	27.47	31.84	34.69	34.78	34.75	34.80	34.03	33.65	33.48	32.85	1961
1962	32.55	31.18	29.29	27.98	33.27	34.82	34.54	34.49	33.71	33.85	33.55	32.94	32.68	1962
1963	31.65	29.98	27.91	26.77	32.70	34.74	34.69	34.50	34.85	34.90	34.87	34.60	32.70	1963
1964	33.07	31.13	28.64	27.40	34.05	34.84	34.65	34.33	34.55	34.17	33.87	33.90	32.90	1964
1965	34.56	33.28	30.83	27.92	31.25	34.54	33.93	34.41	34.51	34.96	34.51	33.90	33.22	1965
1966	32.03	31.65	29.24	27.96	32.39	34.85	34.49	34.65	34.33	34.68	34.88	34.80	33.08	1966
1967	33.56	31.66	28.89	26.51	31.02	34.63	34.66	34.38	33.87	34.25	34.60	33.69	32.84	1967
1968	32.26	30.61	28.15	30.41	34.55	34.55	33.58	33.81	33.02	31.94	32.15	31.65	32.23	1968
1969	30.61	29.16	27.13	25.83	31.68	34.78	34.33	34.45	34.65	34.20	34.69	33.93	32.14	1969
1970	32.45	31.03	29.24	27.42	34.17	34.77	34.37	34.09	34.38	34.77	34.33	32.89	32.85	1970
1971	31.49	29.86	28.25	26.69	32.40	34.60	33.89	33.70	34.84	34.78	34.54	33.78	32.43	1971
1972	32.53	30.77	28.38	25.33	30.19	34.83	34.64	34.42	34.19	34.82	34.73	34.04	32.50	1972
1973	32.73	31.18	29.13	26.74	34.60	34.74	34.51	34.43	34.16	34.28	34.80	34.34	33.15	1973
1974	32.64	31.13	29.26	27.46	31.57	34.61	34.39	34.37	34.06	34.80	34.81	34.25	32.76	1974
1975	32.73	31.06	28.11	26.89	31.30	34.65	34.64	33.99	33.82	34.62	34.88	34.70	32.72	1975
1976	33.73	32.07	29.74	29.18	33.01	34.85	34.52	34.78	34.19	33.80	33.71	33.13	33.08	1976
1977	31.85	30.25	28.42	26.23	32.88	34.85	34.60	34.89	34.63	34.78	34.67	34.23	32.86	1977
1978	33.02	31.42	29.05	28.38	31.25	34.92	34.81	34.48	34.16	34.54	34.78	34.30	32.77	1978
1979	33.29	31.55	29.63	29.40	---	34.85	34.38	33.48	32.74	33.40	---	34.59	---	1979
1980	33.60	31.79	29.17	28.74	33.22	34.12	34.89	34.77	34.60	34.86	34.87	34.30	33.25	1980
1981	33.15	32.04	33.04	33.72	34.72	34.83	34.62	33.63	32.31	33.04	34.72	34.38	33.89	1981
1982	33.32	31.66	29.15	27.13	32.57	34.90	34.65	33.80	33.57	33.65	34.78	34.92	32.85	1982
1983	34.64	33.15	30.70	28.63	34.18	34.87	34.57	34.12	32.96	32.64	32.98	33.30	33.07	1983
1984	32.40	30.83	29.47	28.66	33.84	34.91	34.89	34.77	33.81	---	---	---	---	1984
MOYEN	32.27	30.76	28.86	27.78	32.53	34.42	34.32	34.07	33.83	33.69	33.92	33.42	32.72	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 129.083 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 48 16 35
LONG 71 12 44

BASSIN VERSANT, 3 990 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

CHICOUTIMI (RIVIERE) AU RESERVOIR KENOGAMI - STATION NO. 02RH002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1910	---	---	---	1910
1911	---	---	---	1911
1912	---	---	---	1912
1923	---	---	---	1923
1924	---	31.24 LE 10 NOV	25.31 LE 26 FEV	1924
1925	---	35.02 LE 24 JUN	26.81 LE 23 AVR	1925
1926	---	35.02 LE 30 JUN	25.18 LE 22 AVR *	1926
1927	---	35.06 LE 22 NOV	25.23 LE 18 AVR	1927
1928	---	35.04 LE 17 JUL	26.97 LE 1 MAI	1928
1929	---	35.06 LE 9 JUL	26.92 LE 20 AVR	1929
1930	---	34.89 LE 6 AOU	27.96 LE 12 AVR	1930
1931	---	35.08 LE 25 SEP	27.01 LE 10 AVR	1931
1932	---	35.10 LE 8 OCT	28.78 LE 8 AVR	1932
1933	---	34.98 LE 2 JUL	28.08 LE 15 AVR	1933
1934	---	36.01 LE 4 JUL	25.87 LE 12 AVR	1934
1935	---	35.10 LE 24 JUN	26.38 LE 16 AVR	1935
1936	---	35.02 LE 4 JUN	28.02 LE 18 MAR	1936
1937	---	34.96 LE 5 JUN	27.04 LE 14 AVR	1937
1938	---	35.01 LE 16 AOU	27.36 LE 16 AVR	1938
1939	---	35.14 LE 15 AOU	25.66 LE 20 AVR	1939
1940	---	35.03 LE 21 JUN	26.08 LE 27 AVR	1940
1941	---	35.17 LE 30 JUN	27.10 LE 13 AVR	1941
1942	---	35.45 LE 17 JUN *	25.04 LE 18 AVR	1942
1943	---	35.18 LE 19 AOU	25.84 LE 23 AVR	1943
1944	---	35.01 LE 8 NOV	25.51 LE 22 AVR	1944
1945	---	35.16 LE 27 JUN	27.81 LE 27 MAR	1945
1946	---	35.10 LE 22 JUL	28.29 LE 18 AVR	1946
1947	---	35.39 LE 27 MAI	27.24 LE 12 AVR	1947
1948	---	35.23 LE 20 OCT	26.31 LE 3 AVR	1948
1949	---	35.15 LE 17 JUN	26.72 LE 13 AVR	1949
1950	---	35.17 LE 19 JUN	26.02 LE 16 AVR	1950
1951	---	35.23 LE 4 AOU	26.43 LE 10 AVR	1951
1952	---	35.06 LE 26 AOU	25.52 LE 18 AVR	1952
1953	---	34.82 LE 21 MAI	28.32 LE 25 MAR	1953
1954	---	34.81 LE 8 JUN	27.22 LE 10 AVR	1954
1955	---	35.06 LE 22 SEP	25.87 LE 14 AVR	1955
1956	---	34.95 LE 20 JUL	26.10 LE 28 AVR	1955
1957	---	35.13 LE 18 NOV	25.28 LE 19 AVR	1957
1958	---	35.14 LE 15 OCT	26.94 LE 16 AVR	1958
1959	---	35.28 LE 9 NOV	26.55 LE 23 AVR	1959
1960	---	35.08 LE 18 NOV	27.38 LE 17 AVR	1960
1961	---	35.14 LE 24 JUN	26.94 LE 21 AVR	1961
1962	---	35.16 LE 22 MAI	27.72 LE 21 AVR	1962
1963	---	35.06 LE 25 NOV	26.21 LE 17 AVR	1963
1964	---	35.18 LE 27 MAI	25.91 LE 13 AVR	1964
1965	---	35.09 LE 13 OCT	27.12 LE 28 AVR	1965
1966	---	35.08 LE 27 MAI	27.03 LE 19 AVR	1966
1967	---	34.90 LE 27 OCT	25.88 LE 26 AVR	1967
1968	---	34.92 LE 22 MAI	26.96 LE 31 MAR	1968
1969	---	35.12 LE 1 JUN	25.21 LE 10 AVR	1969
1970	---	35.20 LE 5 JUN	26.71 LE 20 AVR	1970
1971	---	35.29 LE 27 AOU	26.14 LE 21 AVR	1971
1972	---	35.15 LE 23 JUN	25.75 LE 28 AVR	1972
1973	---	35.06 LE 1 JUN	26.71 LE 16 AVR	1973
1974	---	34.94 LE 8 NOV	26.92 LE 22 AVR	1974
1975	---	35.00 LE 28 JUN	26.44 LE 21 AVR	1975
1976	---	34.94 LE 17 AOU	28.38 LE 18 AVR	1976
1977	---	35.04 LE 24 JUN	27.26 LE 18 AVR	1977
1978	---	35.11 LE 26 JUN	25.73 LE 22 AVR	1978
1979	---	---	---	1979
1980	---	35.16 LE 16 AOU	27.31 LE 10 AVR	1980
1981	---	35.10 LE 25 JUN	31.51 LE 20 FEV	1981
1982	---	35.07 LE 5 DEC	26.28 LE 17 AVR	1982
1983	---	35.08 LE 19 JUN	27.90 LE 15 AVR	1983
1984	---	35.09 LE 25 MAI	27.67 LE 12 AVR	1984

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 129.083 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CHIENS (RIVIERE AUX) PRES DE BOISBRIAND - STATION NO. 020A032

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1981	---	---	---	---	---	---	---	---	0.391	0.447	0.537	0.436	---	1981
1982	---	---	---	---	0.417	0.386	0.327	0.334	0.383	0.369	0.433	0.458	---	1982
1983	0.416	0.461	0.438	0.355	0.262	0.108	---	---	-0.084	0.155	0.409	0.365	---	1983
1984	0.259	0.341	0.439	0.505	0.303	0.243	0.184	0.171	0.150	0.169	0.226	0.279	0.273	1984
1985	0.246	0.270	0.511	0.490	0.255	0.232	0.174	0.153	0.151	0.198	0.284	0.244	0.274	1985
MOYEN	0.307	0.357	0.486	0.450	0.308	0.242	0.232	0.218	0.194	0.270	0.374	0.357	0.274	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 38 16
LONG 73 54 51 DEBIT NATUREL

CHIENS (RIVIERE AUX) PRES DE BOISBRIAND - STATION NO 020A032

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1981	1.006 LE 28 OCT A 0800 HNE	0.848 LE 28 OCT	---	1981
1982	0.846 LE 25 ADU A 1735 HNE	---	---	1982
1983	0.991 LE 20 MAR A 0400 HNE	0.880 LE 20 MAR	---	1983
1984	1.028 LE 23 MAR A 0002 HNE	0.935 LE 23 MAR	0.139 LE 25 SEP	1984
1985	1.209 LE 13 MAR A 1425 HNE *	1.135 LE 13 MAR *	0.129 LE 21 SEP *	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CINCONSINE (RUISSEAU) AU RESERVOIR CINCONSINE - STATION NO 02NE009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	ADU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	31.15	31.11	31.09	31.44	32.59	32.61	32.24	31.48	31.71	31.73	31.46	32.09	31.73	1963
1964	31.02	30.57	30.54	31.02	32.57	33.25	32.40	31.99	31.82	30.86	30.60	30.61	31.44	1964
1965	30.69	30.61	30.60	30.90	32.16	33.08	32.56	32.77	32.71	32.82	33.60	32.44	32.08	1965
1966	30.91	30.46	30.45	31.18	32.81	33.27	33.50	33.04	32.71	32.05	32.09	32.50	32.09	1966
1967	31.86	30.90	30.74	30.86	32.41	33.62	33.66	32.72	31.94	32.54	33.58	32.75	32.31	1967
1968	31.83	30.95	30.80	31.44	32.79	33.28	33.42	32.67	32.18	---	---	---	---	1968
MOYEN	31.24	30.77	30.67	31.14	32.56	33.19	32.96	32.45	32.18	32.02	32.25	32.08	31.93	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 22 41 BASSIN VERSANT, 211 km²
LONG 73 01 37 REGULARISE

DONNEES FOURNIES PAR - HYDRO-QUEBEC

CIN NSINE (RUISSEAU) AU RESERVOIR CINCONSINE - STATION NO 02NE009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	32.98 LE 3 JUN	30.92 LE 8 NOV	1963
1964	---	33.39 LE 26 JUN	30.53 LE 12 MAR	1964
1965	---	33.59 LE 11 NOV	30.57 LE 25 FEV	1965
1966	---	33.52 LE 3 JUL	30.43 LE 16 FEV *	1966
1967	---	33.84 LE 5 JUL *	30.71 LE 7 AVR	1967
1968	---	---	---	1968

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

COATICOOK (RIVIERE) EN AMONT DU PONT A WATERVILLE - STATION NO 020E040

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	ADU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1979	88.76	88.84	88.82	88.84	88.74	---	---	88.69	88.74	88.71	88.78	88.77	---	1979
1980	88.73	88.68	88.74	88.74	88.79	88.76	88.71	88.70	88.74	88.74	88.78	88.81	88.74	1980
1981	88.72	88.97	88.78	88.75	88.71	88.78	88.88	88.71	88.84	88.74	88.69	88.71	88.74	1981
1982	88.88	88.69	88.71	88.97	88.67	88.67	88.68	88.67	88.68	88.70	88.68	88.69	88.71	1982
1983	88.75	88.76	88.84	88.71	88.69	88.87	88.85	88.85	88.85	88.85	88.85	88.86	88.71	1983
1984	88.74	88.72	88.70	88.84	88.88	88.72	88.74	88.89	88.88	88.88R	88.70R	88.77R	88.70R	1984
1985	88.74	88.74	88.82	88.73	88.75	88.75	87.90	88.83	88.49	---	---	---	---	1985
MOYEN	88.73	88.74	88.77	88.77	88.72	88.73	88.56	88.88	88.88	88.70R	88.71R	88.77R	88.72R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 100.000 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 18 42 BASSIN VERSANT, 516 km²
LONG 71 53 25 REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

COATICOOK (RIVIERE) EN AMONT DU PONT A WATERVILLE - STATION NO 020E040

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1979	---	---	---	1979
1980	---	89.16 LE 27 AVR	88.17 LE 18 AVR	1980
1981	---	90.02 LE 29 OCT	87.89 LE 18 JUL	1981
1982	---	90.11 LE 19 AVR *	87.85 LE 29 DEC	1982
1983	---	89.74 LE 15 DEC	88.11 LE 13 JAN	1983
1984	---	89.46 LE 31 MAI	88.42 LE 24 MAR	1984
1985	---	89.29 LE 29 MAR	87.90 LE 24 JUL *	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 100.000 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

COATICOOK (RIVIERE) PRES DE NORTH-COATICOOK - STATION NO. 020EC10

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1930	---	---	---	---	---	---	---	---	---	---	24.88	24.78	---	1930
1931	24.74	24.85	24.76	24.98	24.82	24.67	24.66	24.63	24.71	24.66	24.70	24.78	24.75	1931
1932	24.85	24.72	24.77	25.02	24.78	24.68	24.71	24.65	24.64	24.80	24.74	24.80	24.76	1932
1933	24.79	24.78	24.84	25.27	24.94	24.68	24.72	24.78	24.68	24.74	24.80	24.84	24.82	1933
1935	25.01	25.00	24.96	25.08	24.96	24.78	24.72	24.72	24.73	24.76	24.82	24.89	24.87	1935
1936	25.01	25.02	25.35	25.16	25.09	24.83	24.88	24.80	24.85	24.96	25.00	25.10	25.00	1936
1937	25.06	25.02	24.89	25.24	25.26	24.90	24.84	24.81	24.82	24.90	24.94	24.94	24.97	1937
1938	25.07	24.95	25.14	25.15	25.00	24.86	24.90	24.90	25.00	24.91	24.93	25.12	24.99	1938
1939	25.12	25.19	25.21	25.40	25.20	25.05	24.97	24.95	24.95	25.01	24.89	---	---	1939
1940	25.02	25.13	25.11	25.54	25.38	25.00	24.93	24.91	24.92	24.93	25.04	25.02	25.08	1940
1941	25.12	25.09	25.11	25.34	---	24.95	24.93	24.92	24.89	24.91	25.01	25.04	---	1941
1942	25.08	25.13	25.48	25.45	25.43	25.28	24.99	24.98	25.11	25.34	25.24	25.17	25.22	1942
1943	25.21	25.37	25.41	25.55	25.51	---	25.13	25.10	25.16	25.15	25.26	25.23	---	1943
1944	25.42	25.39	25.71	25.51	25.31	25.13	25.16	25.07	25.16	25.16	25.19	25.20	25.28	1944
1945	---	25.45	25.64	25.41	25.47	25.28	25.21	25.12	25.28	25.41	25.27	25.57	---	1945
1946	25.40	25.42	---	25.35	25.33	25.10	25.38	25.13	25.06	25.19	25.23	25.30	---	1946
1947	---	25.30	25.35	25.52	25.59	25.43	25.32	25.22	25.26	25.25	25.26	25.37	---	1947
1948	25.44	25.51	25.65	25.56	25.51	25.31	25.24	25.17	24.98	25.01	25.23	25.30	25.32	1948
1949	25.35	25.48	25.50	---	25.46	25.41	25.34	25.32	25.33	25.29	25.38	25.55	---	1949
1950	25.57	25.50	25.50	25.47	24.65	24.58	24.41	24.49	24.52	24.45	24.48	24.49	24.84	1950
1951	24.45	25.22	---	24.88	24.52	24.41	24.38	24.39	24.35	24.36	24.48	24.51	---	1951
1952	24.73	24.74	24.76	24.90	24.67	24.71	24.42	24.38	24.40	24.37	24.42	24.50	24.58	1952
1953	24.84	24.65	24.76	24.77	24.58	24.37	24.36	24.34	24.32	24.35	24.35	24.54	24.51	1953
1954	24.56	24.78	24.58	24.91	24.78	24.68	24.41	24.46	24.89	24.72	24.52	24.56	24.63	1954
1955	24.56	24.78	24.82	24.81	24.63	24.46	24.28	24.44	24.23	24.24	24.41	24.36	24.50	1955
1956	24.57	24.47	24.63	24.88	24.80	24.42	24.34	24.32	24.31	24.35	24.40	24.49	24.61	1956
1957	24.81	24.51	24.58	24.62	24.56	24.38	24.46	24.34	24.33	24.39	24.56	---	---	1957
1958	---	24.70	24.57	24.57	24.58	24.46	24.62	24.49	24.40	24.47	24.53	24.55	---	1958
1959	24.78	24.72	24.74	25.12	24.80	24.71	24.64	24.54	24.47	24.67	24.94	25.78	24.72	1959
1960	24.62	24.82	24.82	25.36	24.89	24.81	24.75	24.74	24.78	24.85	24.87	24.81	24.84	1960
1961	24.84	---	---	25.89	25.95	25.76	25.61	25.55	25.50	25.47	25.59	25.61	---	1961
1962	25.55	25.71	25.71	25.08	25.90	25.64	25.72	25.81	25.71	25.93	25.94	25.74	25.79	1962
1963	25.71	25.78	---	---	---	23.97	23.81	23.98	23.98	23.90	24.01	24.22	---	1963
1964	25.74	25.71	---	---	---	25.55	25.56	25.80	25.48	25.51	25.84	25.73	---	1964
1965	25.77	26.00	26.02	25.93	---	---	---	25.55	25.69	25.72	25.79	25.73	---	1965
1966	25.78	26.01	26.13	25.96	25.91	25.63	25.56	25.65	25.62	25.59	25.62	25.71	25.76	1966
1967	24.52	24.68	24.82	24.67	---	---	24.27	24.30	24.32	24.50	24.43	24.38	---	1967
1968	24.68	25.01	25.02	24.83	24.39	24.47	24.27	24.20	24.18	24.22	24.31	24.38	24.48	1968
1969	24.69	---	24.58	24.92	24.65	24.39	24.24	24.28	24.16	24.13	---	24.46	---	1969
1970	24.58	25.08	24.71	24.83	24.57	24.21	24.16	24.16	24.29	24.26	24.34	24.53	24.47	1970
1971	24.68	24.78	24.79	24.75	24.72	24.27	24.15	24.19	24.18	24.15	24.19	24.35	24.43	1971
1972	24.64	24.71	24.76	24.84	24.80	24.39	24.34	24.30	24.14	24.28	24.34	24.57	24.49	1972
MOYEN	25.00	25.11	25.09	25.21	25.03	24.83	24.77	24.77	24.77	24.81	24.88	24.92	24.86	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 10 25
LONG 71 48 05

BASSIN VERSANT 381 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

COATICOOK (RIVIERE) PRES DE NORTH-COATICOOK - STATION NO. 02DE010

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1930	...	...	...	1930
1931	...	25.57 LE 12 AVR	24.41 LE 21 JUL	1931
1932	...	25.74 LE 7 OCT	24.52 LE 10 SEP	1932
1933	...	25.87 LE 16 AVR	24.59 LE 29 JUL	1933
1934	...	25.83 LE 17 MAR	24.64 LE 28 JUN	1935
1936	...	26.29 LE 17 MAR	24.58 LE 19 FEV	1936
1937	...	26.10 LE 6 AVR	24.73 LE 22 AOU	1937
1938	...	25.01 LE 21 SEP	24.65 LE 3 MAR	1938
1939	...	...	...	1939
1940	...	25.15 LE 4 MAI	24.84 LE 31 JUL	1940
1941	...	...	...	1941
1942	...	27.12 LE 14 JUN *	24.88 LE 5 JUN	1942
1943	...	...	...	1943
1944	...	26.89 LE 26 MAR	24.99 LE 13 AOU	1944
1945	...	...	...	1945
1946	...	...	...	1946
1947	...	...	...	1947
1948	...	...	...	1948
1949	...	25.58 LE 15 MAR	24.86 LE 25 SEP	1949
1950	...	...	...	1950
1951	...	25.85 LE 20 AVR	24.29 LE 26 JUL	1951
1952	...	...	...	1952
1953	...	25.92 LE 2 JUN	24.12 LE 4 DEC	1953
1954	...	25.37 LE 24 JAN	24.17 LE 24 OCT	1954
1955	...	25.81 LE 23 AVR	24.20 LE 28 AOU	1955
1956	...	25.77 LE 15 AVR	23.94 LE 22 OCT *	1956
1957	...	25.34 LE 17 AVR	24.19 LE 13 AOU	1957
1958	...	...	...	1958
1959	...	...	...	1959
1960	...	26.29 LE 28 NOV	24.37 LE 6 SEP	1960
1961	...	25.98 LE 1 AVR	24.37 LE 26 JAN	1961
1962	...	...	...	1962
1963	...	26.75 LE 30 AVR	25.31 LE 13 JAN	1963
1964	...	...	...	1964
1965	...	...	...	1965
1966	...	...	...	1966
1967	...	27.07 LE 25 MAR	25.35 LE 7 AOU	1967
1968	...	...	...	1968
1969	...	26.89 LE 20 MAR	23.96 LE 19 OCT	1969
1970	...	...	...	1970
1971	...	25.58 LE 25 AVR	24.00 LE 23 JUL	1971
1972	...	25.87 LE 17 MAR	24.03 LE 5 OCT	1972
		25.10 LE 8 MAI	24.06 LE 21 SEP	

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CORNU (LAC) AU BARRAGE-CORNU - STATION NO 02LC012

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	389.12	388.98	388.91	389.13	389.83	389.80	389.10	388.82	388.90	388.91	388.88	388.89	389.08	1964
1965	389.18	389.24	388.79	389.00	389.80	389.86	389.63	389.43	389.32	389.39	389.35	389.32	389.21	1965
1966	389.47	389.55	389.51	389.07	389.11	388.47	389.48	389.40	389.35	389.37	389.46	389.43	389.39	1966
1967	389.29	389.16	388.85	389.13	389.52	389.56	389.46	389.37	389.12	389.21	389.24	389.16	389.26	1967
1968	389.13	389.00	388.84	389.08	389.20	389.35	389.52	389.50	389.16	389.08	389.09	389.13	389.17	1968
1969	389.10	389.07	388.83	389.06	389.11	389.21	389.28	389.32	389.31	389.32	389.42	389.44	389.21	1969
1970	389.42	389.45	389.16	389.13	389.39	389.43	389.52	389.54	389.55	389.57	389.53	389.52	389.43	1970
1971	389.52	389.58	389.50	389.22	389.27	388.33	386.37	389.43	389.55	389.60	389.53	389.54	389.46	1971
1972	389.52	389.52	389.48	389.41	389.47	389.52	389.73	389.63	389.55	389.64	389.47	389.41	389.52	1972
1973	389.41	389.43	389.37	389.30	389.50	389.57	389.60	389.62	389.57	389.60	389.62	389.61	389.52	1973
1974	389.54	389.65	389.48	389.38	389.63	389.59	389.52	389.38	389.17	389.17	389.40	389.46	389.46	1974
1975	389.48	389.50	389.29	389.13	389.43	388.67	389.51	389.38	389.23	389.38	389.61	389.58	389.43	1975
1976	389.35	389.35	---	389.43	389.42	---	---	389.68	389.73	389.67	389.66	389.57	---	1976
1977	389.49	389.49	---	389.37	389.30	389.32	389.49	389.58	389.64	389.66	---	---	---	1977
1978	389.56	389.52	389.23	389.16	389.44	389.47	389.80	389.84	389.82	389.83	389.72	389.74	389.53	1978
1979	---	389.63	389.42	389.36	389.85	389.71	389.73	389.69	389.72	389.71	389.69	389.88	---	1979
1980	389.67	389.51	389.41	389.57	389.70	389.68	---	389.88	---	---	389.81	389.56	---	1980
1981	---	389.62	389.46	---	389.68	389.71	389.69	389.48	389.25	389.33	389.62	389.51	--	1981
1982	389.49	389.48	389.38	389.33	389.48	389.64	389.74	389.62	389.71	389.65	---	389.60	---	1982
1983	389.55	389.53	389.35	389.33	389.63	389.57	389.47	389.44	389.44	389.60	389.68	389.68	389.52	1983
1984	389.85	389.63	389.40	389.47	389.64	389.70	389.68	389.70	389.69	389.58R	389.45R	389.58R	389.60R	1984
1985	389.63	389.57	389.37	389.42	389.59	389.63	389.67	389.68	389.65	---	---	---	---	1985
MOYEN	389.43	389.43	389.26	389.28	389.47	389.54	389.53	389.51	389.44	389.45R	389.48R	389.47R	389.39R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 05 25
LONG 74 28 35

BASSIN VERSANT, 13.1 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

CORNU (LAC) AU BARRAGE-CORNU - STATION NO. 02LC012

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	389.68 LE 27 MAI	388.81 LE 24 NOV	1964
1965	---	389.87 LE 11 MAI	388.74 LE 23 MAR *	1965
1966	---	389.58 LE 7 MAR	388.95 LE 9 AVR	1966
1967	---	389.65 LE 26 JUN	388.78 LE 24 MAR	1967
1968	---	389.57 LE 17 JUL	388.78 LE 18 MAR	1968
1969	---	389.47 LE 31 MAI	388.78 LE 17 MAR	1969
1970	---	389.65 LE 26 NOV	389.01 LE 6 AVR	1970
1971	---	389.66 LE 31 JAN	389.14 LE 8 AVR	1971
1972	---	389.89 LE 22 JUL *	389.34 LE 25 MAI	1972
1973	---	389.78 LE 1 JUL	389.17 LE 15 AVR	1973
1974	---	389.78 LE 1 MAI	389.12 LE 12 AVR	1974
1975	---	389.84 LE 18 JUN	389.00 LE 15 AVR	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	389.84 LE 5 DEC	389.02 LE 11 AVR	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	389.76 LE 4 MAI	389.20 LE 5 AVR	1983
1984	---	389.77 LE 8 JUN	389.24 LE 4 AVR	1984
1985	---	389.73 LE 2 JAN	389.23 LE 27 MAR	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CONIPI (RIVIERE) A LA SORTIE DU LAC CONIPI - STATION NO. 02XB002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	28.45	28.73	28.48	---	1982
1983	28.38	28.67	28.38	28.89	29.89	29.17	28.95	28.88	---	28.97	29.26	29.58	---	1983
1984	---	---	---	28.38	29.86	29.46	29.00	28.91	28.46	28.44R	28.41R	28.42R	---	1984
1985	28.30	28.21	28.14	28.20	28.85	29.93	29.20	28.78	28.90	---	---	---	---	1985
MOYEN	28.34	28.44	28.26	28.49	29.50	29.53	29.05	28.85	28.68	28.62R	28.80R	28.53R	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 51 30 08 LONG 58 23 46 BASSIN VERSANT, 1 080 km² DEBIT NATUREL

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

CONIPI (RIVIERE) A LA SORTIE DU LAC CONIPI - STATION NO. 02XB002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	30.48 LE 8 JUN *	28.12 LE 13 MAR *	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

CREEK OUTLET - STATION NO. 02RH02E

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1983	---	---	---	---	---	---	---	---	---	---	---	28.69	---	1983
1984	28.65	28.66	28.72	---	---	28.76	28.76	28.75	28.70	28.70R	28.73R	28.77R	---	1984
1985	28.78	28.77	28.79	28.80	28.81	28.74	---	---	---	---	---	---	---	1985
MOYEN	28.72	28.72	28.76	28.80	28.81	28.75	28.76	28.75	28.70	28.70R	28.73R	28.73R	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 21 17 LONG 71 15 10 BASSIN VERSANT, 3 890 km² REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

DECHARGE DU LAC DES SEIZE ILES EN AVAL DU BARRAGE - STATION NO 02LC034

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	---	---	---	---	---	---	---	---	2.84	2.87	---	2.83	---	1966
1967	---	---	---	3.07	---	---	---	---	2.74	2.86	2.80	---	---	1967
1968	---	---	---	3.06	2.81	2.82	2.80	2.69	2.71	2.76	2.80	2.89	---	1968
1969	2.82	2.85	2.80	3.13	---	---	---	2.75	2.71	2.71	2.80	2.90	---	1969
1970	2.83	2.85	2.82	3.06	---	2.69	---	2.68	2.86	---	2.87	2.87	---	1970
1971	2.81	2.82	2.83	2.90	3.06	2.75	2.72	2.76	2.80	2.84	2.84	2.91	2.85	1971
1972	2.86	2.86	2.84	---	---	---	---	---	---	---	---	---	---	1972
MOYEN	2.83	2.86	2.82	3.07	2.94	2.75	2.77	2.72	2.71	2.78	2.84	2.88	2.85	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 52 37 BASSIN VERSANT 40.7 km²
LONG 74 28 43 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

DECHARGE DU LAC DES SEIZE ILES EN AVAL DU BARRAGE - STATION NO 02LC034

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	3.28 LE 6 MAI *	2.68 LE 20 MAI *	1971
1972	---	---	---	1972

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

DESVAUX (LAC) - STATION NO 04MA005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	277.08	277.05	276.93	277.21	277.80	277.70	277.29	277.24	277.40	277.43	277.27	277.14	277.32	1964
1965	277.07	277.05	277.03	277.00	277.78	277.56	277.40	277.26	277.42	277.44	277.32	277.16	277.30	1965
1966	277.07	277.03	276.95	277.21	277.81	277.41	277.30	277.46	277.25	277.41	277.52	277.62	277.33	1966
1967	277.33	277.08	276.97	277.30	278.00	277.59	277.33	277.23	277.15	277.13	277.38	277.33	277.33	1967
1968	277.09	277.03	277.00	277.26	277.42	277.43	277.54	277.42	277.25	277.25	277.15	277.08	277.25	1968
1969	277.04	276.98	277.00	277.15	277.68	277.47	277.39	277.56	277.41	277.24	277.46	277.39	277.32	1969
1970	277.11	277.01	276.97	277.11	277.85	277.60	277.48	277.24	277.18	277.18	277.05	277.05	277.22	1970
1971	277.01	276.98	276.95	277.15	277.72	277.50	277.24	277.21	277.14	277.19	277.28	277.25	277.23	1971
1972	277.27	277.20	277.15	277.17	277.72	277.54	277.33	277.32	277.44	277.64	277.48	277.23	277.37	1972
1973	277.15	277.11	277.10	277.41	277.82	277.62	277.34	277.22	277.34	277.40	277.40	277.36	277.34	1973
1974	277.26	277.24	277.22	277.30	277.58	277.71	277.37	277.26	277.31	277.40	277.35	277.27	277.38	1974
1975	277.21	277.14	277.10	277.13	277.74	277.55	277.37	277.27	277.22	277.17	277.18	277.19	277.27	1975
1976	277.16	277.10	277.12	277.05	277.90	277.48	277.38	277.40	277.58	277.67	277.37	277.16	277.43	1976
1977	277.12	277.07	277.10	277.57	277.81	277.41	277.35	277.23	277.18	277.17	277.21	277.22	277.28	1977
1978	277.15	277.11	277.03	277.09	277.78	277.57	277.31	277.54	277.43	277.33	277.17	277.13	277.32	1978
1979	277.12	277.08	277.05	277.33	278.16	277.74	277.43	277.57	277.48	277.38	277.46	277.39	277.44	1979
1980	277.20	277.10	277.05	277.25	277.81	277.33	277.32	277.40	277.43	277.55	277.38	277.18	277.34	1980
1981	277.11	277.08	277.13	277.75	277.82	277.40	277.34	---	277.18	277.28	277.32	277.26	---	1981
1982	277.19	277.15	277.10	277.23	277.75	277.42	277.28	277.26	277.19	277.17	277.27	277.24	277.27	1982
1983	277.18	277.12	277.10	277.16	277.82	277.68	277.32	277.24	277.18	277.20	277.18	276.83	277.14	1983
1984	277.27	277.07	277.11	277.43	277.68	277.47	277.45	277.22	---	277.28R	277.27R	277.29R	---	1984
1985	---	277.11	---	277.23	277.71	---	---	---	---	---	---	---	---	1985
MOYEN	277.15	277.09	277.06	277.28	277.78	277.52	277.27	277.34	277.31	277.33R	277.31R	277.17R	277.31	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 11 10 BASSIN VERSANT 19.3 km²
LONG 75 21 11 REGULARISE

DONNEES FOURNIES PAR -
HYDRO-ONTARIO

R - REVISEE DEPUIS JAN 1980

DESVAUX (LAC) - STATION NO. 04MA005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1984	---	278.01 LE 3 MAI	276.94 LE 4 AVR	1984
1985	---	278.01 LE 18 MAI	276.93 LE 19 AVR	1985
1986	---	277.70 LE 4 DEC	276.94 LE 10 MAR	1986
1987	---	276.25 LE 6 MAI	276.95 LE 19 MAR	1987
1988	---	277.84 LE 28 AVR	276.95 LE 15 MAR	1988
1989	---	277.76 LE 9 MAI	276.97 LE 19 FEV	1989
1990	---	277.73 LE 5 MAI	276.94 LE 14 MAR	1990
1991	---	277.78 LE 10 MAI	276.93 LE 13 MAR	1991
1992	---	277.86 LE 14 MAI	277.10 LE 15 AVR	1992
1993	---	277.89 LE 13 MAI	277.06 LE 6 MAR	1993
1994	---	278.11 LE 19 MAI	277.17 LE 7 AVR	1994
1995	---	277.89 LE 10 MAI	277.08 LE 13 AVR	1995
1996	---	278.24 LE 25 AVR	277.08 LE 10 MAR	1996
1997	---	278.18 LE 30 AVR	277.06 LE 31 JAN	1997
1998	---	278.10 LE 17 MAI	276.99 LE 27 MAR	1998
1999	---	278.36 LE 12 MAI *	277.04 LE 10 MAR	1999
2000	---	278.04 LE 2 MAI	277.02 LE 15 MAR	2000
2001	---	---	---	2001
2002	---	277.83 LE 9 MAI	277.03 LE 23 MAR	2002
2003	---	277.97 LE 30 MAI	227.15 LE 10 DEC *	2003
2004	---	---	---	2004
2005	---	---	---	2005

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

DEUX MONTAGNES (LAC DES) AU QUAI DE VAUDREUIL - STATION NO. 02OA021

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1967	---	---	---	---	1.783	1.482	1.118	0.785	0.754	1.093	1.649	1.233	---	1967
1968	1.312	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	1.340	0.818	0.830	0.727	0.704	1.116	1.088	---	1969
1970	1.051	0.972	0.958	1.481	1.729	1.306	---	---	---	---	---	---	---	1970
1971	1.044	1.107	1.159	1.847	1.783	0.945	0.855	0.871	0.824	0.852	0.834	0.730	0.970	1971
1972	0.838	0.895	0.926	1.867	2.239	1.394	1.410	1.288	1.120	1.138	1.398	1.348	1.294	1972
1973	1.300	1.367	1.938	2.032	1.905	1.537	1.298	1.044	0.824	1.009	0.979	1.104	1.370	1973
1974	1.156	1.118	1.390	2.014	2.783	2.088	1.311	0.944	0.774	0.778	1.078	1.178	1.381	1974
1975	1.118	1.082	1.178	1.807	1.885	1.188	0.732	0.828	0.844	0.818	0.717	0.988	0.990	1975
1976	1.073	1.113	1.448	2.564	1.982	1.217	1.101	0.889	0.778	0.778	0.710	0.910	1.212	1976
1977	1.102	0.953	1.534	1.868	1.248	0.851	0.587	0.611	0.847	0.895	0.845	1.005	1.013	1977
1978	1.364	1.393	1.113	1.803	1.824	0.939	0.883	0.837	0.552	0.723	0.700	0.821	1.028	1978
1979	1.038	1.049	1.488	2.014	2.288	1.281	0.905	0.835	0.881	1.123	1.382	1.484	1.310	1979
1980	1.364	1.184	1.235	1.807	1.470	0.845	0.885	0.921	0.870	1.209	1.239	1.188	1.181	1980
1981	2.431	2.827	2.809	3.327	2.778	2.855	3.173	3.004	2.367	2.289	2.423	2.203	2.822	1981
1982	2.243	2.315	2.325	2.918	2.496	3.078	1.853	1.781	1.770	1.837	2.122	2.514	2.197	1982
1983	2.612	2.478	2.649	2.783	3.456	2.906	2.007	1.907	1.782	1.883	2.148	2.425	2.414	1983
1984	2.304	2.410	2.496	3.362	2.728	2.585	2.403	2.189	2.080	1.942	2.287	2.484	2.438	1984
1985	2.872	2.668	2.780	3.039	3.078	2.183	2.112	2.270	2.002	1.987	2.084	2.243	2.412	1985
MOYEN	1.530	1.550	1.720	2.259	2.172	1.873	1.314	1.193	1.125	1.207	1.381	1.459	1.582	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 19.757 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1970)

LOCATION - LAT 45 24 00
LONG 74 01 24 REGULARISE

DEUX MONTAGNES (LAC DES) AU QUAI DE VAUDREUIL - STATION NO. 02OA021

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1967	---	---	0.810 LE 18 SEP	1967
1968	---	1.890 LE 18 JAN	1.077E LE 3 JAN	1968
1969	---	---	0.588 LE 15 SEP	1969
1970	2.137 LE 6 MAI A 2020 HNE	2.107 LE 6 MAI	---	1970
1971	2.707 LE 22 AVR A 2150 HNE	2.688 LE 22 AVR	0.446 LE 7 SEP	1971
1972	2.784 LE 9 MAI A 0830 HNE	2.769 LE 9 MAI	0.729 LE 3 JAN	1972
1973	2.788 LE 20 MAR A 1245 HNE	2.785 LE 19 MAR	0.845 LE 12 NOV	1973
1974	3.271 LE 23 MAI A 2055 HNE	3.241 LE 22 MAI	0.856 LE 25 SEP	1974
1975	2.648 LE 21 AVR A 1117 HNE	2.631 LE 21 AVR	0.381 LE 9 SEP *	1975
1976	---	2.380A LE 4 AVR	0.552 LE 29 NOV	1976
1977	2.859 LE 17 MAR A 0800 HNE	2.804 LE 17 MAR	0.607 LE 17 SEP	1977
1978	2.295 LE 30 AVR A 0525 HNE	2.278E LE 16 AVR	0.494 LE 10 SEP	1978
1979	---	2.838A LE 8 MAI	0.882 LE 30 JUL	1979
1980	2.436 LE 17 AVR A 0141 HNE	2.418 LE 17 AVR	0.834 LE 13 SEP	1980
1981	4.077 LE 26 FEV A 1842 HNE	4.072 LE 28 FEV	1.716 LE 28 AOU	1981
1982	3.398 LE 23 AVR A 1740 HNE	3.385 LE 23 AVR	1.874 LE 12 SEP	1982
1983	4.130 LE 12 MAI A 2149 HNE *	4.115 LE 13 MAI *	1.788 LE 3 NOV	1983
1984	3.801 LE 19 AVR A 0830 HNE	3.739 LE 18 AVR	1.380A LE 1 NOV	1984
1985	3.852 LE 1 MAI A 0251 HNE	3.826 LE 1 MAI	1.873 LE 20 OCT	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 19.757 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1970)

A - JAUGE MANUELLE E - ESTIMATIVE * - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
(VOIR INDEX DE REFRENCE)

DORE (LAC) A L'ILE MERRILL - STATION NO. 03AA004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	---	---	---	---	---	---	---	10.73	10.55	10.44	10.32	10.33	---	1964
1965	10.30	10.08	9.83	9.88	10.02	10.44	10.26	10.48	10.43	10.33	10.26	10.11	10.22	1965
1966	9.98	9.84	9.79	9.78	10.00	10.52	10.46	10.53	10.45	10.47	10.48	10.46	10.23	1966
1967	10.30	10.14	9.97	9.80	9.88	10.20	10.18	10.06	9.78	9.84	10.28	10.27	10.07	1967
1968	10.11	9.98	9.86	9.81	10.20	10.21	10.10	10.04	10.00	10.10	10.02	9.82	10.04	1968
1969	9.87	9.83	9.76	9.76	9.93	10.36	10.53	10.40	---	10.18	10.18	10.19	---	1969
1970	10.12	10.08	9.90	9.82	10.02	10.55	10.78	10.67	10.48	10.33	10.02	9.96	10.23	1970
1971	9.86	9.78	---	9.73	10.0	10.35	10.35	10.48	10.33	10.19	---	---	---	1971
MOYEN	10.07	9.98	9.87	9.82	10.	10.36	10.40	10.41	10.30	10.25	10.22	10.14	10.16	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 346.068 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT. 49 51 31
LONG. 74 21 17 DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

DORE (LAC) A L'ILE MERRILL - STATION NO. 03AA004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	---	---	1964
1965	---	10.54 LE 19 AOU	9.82 LE 5 MAI	1965
1966	---	10.58 LE 21 JUN	9.72 LE 17 AVR *	1966
1967	---	10.39 LE 1 JUN	9.73 LE 18 SEP	1967
1968	---	10.27 LE 23 MAI	9.78 LE 16 MAR	1968
1969	---	---	---	1969
1970	---			1970
1971	---	10.55 LE 28 JUN *	9.79 LE 16 AVR	1971

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 346.068 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

DORE (LAC) A L'ILE MERRILL-1 - STATION NO. 03AA003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	---	---	---	---	---	---	---	10.38	10.23	10.15	10.08	10.00	---	1964
1965	9.98	9.88	9.83	9.87	9.78	10.10	10.06	10.15	10.14	10.05	10.00	9.89	9.93	1965
1966	9.78	9.88	9.84	9.81	9.83	10.20	10.13	10.19	10.13	10.13	10.15	10.18	9.97	1966
1967	10.06	9.84	9.84	9.88	9.89	9.85	9.85	9.85	9.85	9.74	10.00	10.05	9.86	1967
1968	9.84	9.79	9.89	9.87	9.88	9.99	9.93	9.86	9.87	9.92	9.88	9.77	9.85	1968
1969	9.72	9.86	---	9.89	9.78	10.18	10.21	10.21	10.11	10.00	9.98	---	---	1969
1970	9.89	9.83	9.82	9.73	9.88	10.13	10.14	10.06	9.92	9.87	9.96	9.96	9.93	1970
1971	9.94	9.81	---	---	---	---	---	---	---	---	---	---	---	1971
MOYEN	9.89	9.81	9.72	9.84	9.81	10.09	10.07	10.08	10.01	9.98	10.00	9.98	9.91	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 346.068 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT. 49 51 39
LONG. 74 21 17 DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

DORE (LAC) A L'ILE MERRILL-1 - STATION NO. 03AA003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	---	---	1964
1965	---	10.20 LE 25 AOU	9.88 LE 1 MAI *	1965
1966	---	10.24 LE 20 JUN	9.88 LE 17 AVR	1966
1967	---	10.12 LE 1 JUN	9.80 LE 8 MAI	1967
1968	---	10.10 LE 8 JUN	9.81 LE 8 AVR	1968
1969	---	---	---	1969
1970	---			1970
1971	---	10.28 LE 16 JUN *	9.70 LE 18 AVR	1971

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 346.068 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

DORE (LAC) DANS LA BAIE BATEMAN - STATION NO. 03AA005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	---	---	---	---	---	---	---	10.79	10.61	10.51	---	10.28	---	1964
1965	10.15	9.99	9.83	9.86	10.03	10.51	10.45	10.58	10.51	10.42	10.29	10.13	10.21	1965
1966	9.85	9.81	9.72	9.73	10.06	---	---	---	10.45	---	10.57	10.57	---	1966
1967	10.43	10.02	9.81	9.71	9.87	10.26	10.23	9.78	9.50	---	---	---	---	1967
1968	---	---	---	---	---	10.26	10.12	10.07	10.16	10.14	---	10.01	---	1968
1969	9.97	---	---	---	---	---	---	---	---	---	---	---	---	1969
MOYEN	10.13	9.94	9.78	9.70	9.99	10.34	10.27	10.30	10.25	10.36	10.43	10.24	10.21	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 351.441 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 48 54 05
LONG 74 14 40
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

DORE (LAC) DANS LA BAIE BATEMAN - STATION NO. 03AA005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	---	---	1964
1965	---	10.64 LE 14 AOU *	9.83 LE 27 AVR	1965
1966	---	---	---	1966
1967	---	10.63 LE 1 JAN	9.43 LE 10 SEP *	1967
1968	---	---	---	1968
1969	---	---	---	1969

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 351.441 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

DUMOINE (RIVIERE) AU LAC DUMOINE - STATION NO 02KJ003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	28.69	28.78	29.00	---	1982
1983	29.00	28.75	28.59	29.08	29.59	29.32	28.88	28.60	28.47	28.80	28.83	28.82	28.91	1983
1984	28.66	28.61	28.66	29.19	29.46	29.32	29.04	28.77	28.56	28.74R	29.02R	29.03R	28.93R	1984
1985	28.83	28.85	28.66	29.05	29.74	29.00	28.84	28.80	28.67	---	---	---	---	1985
MOYEN	28.84	28.67	28.67	29.11	29.63	29.21	28.92	28.76	28.60	28.74R	28.88R	28.95R	28.92R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 49 20
LONG 77 52 06
BASSIN VERSANT, 2 110 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

DUMOINE (RIVIERE) AU LAC DUMOINE - STATION NO 02KJ003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	29.88 LE 10 MAI	28.39 LE 16 SEP *	1983
1984	---	29.70 LE 27 AVR	29.56 LE 12 FEV	1984
1985	---	30.22 LE 3 MAI *	28.56 LE 28 SEP	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

DUMOINE (RIVIERE) AU LAC ROBINSON - STATION NO 02KJ004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	27.72	27.84	28.24	---	1982
1983	28.12	27.82	27.81	28.32	28.93	28.40	27.85	27.55	27.41	27.78	27.82	27.86	27.98	1983
1984	27.68	27.68	27.70	28.55	28.57	28.34	28.08	27.82	27.58	27.77R	28.17R	28.11R	28.01R	1984
1985	27.87	27.67	27.71	28.37	28.91	28.04	28.05	27.98	27.69	---	---	---	---	1985
MOYEN	27.89	27.72	27.74	28.41	28.80	28.26	28.00	27.78	27.60	27.76R	28.01R	28.07R	28.00R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 20 45
LONG 77 48 56
BASSIN VERSANT, 3 780 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

DUMOINE (RIVIERE) AU LAC ROBINSON - STATION NO 02KJ004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	29.41 LE 9 MAI	27.32 LE 16 SEP *	1984
		29.01 LE 19 AVR	27.67 LE 8 FEV	
1985	---	29.86 LE 28 AVR *	27.64 LE 30 SEP	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

DUVIVIER (LAC) - STATION NO 020B018

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	1982
1983	48.33	48.32	48.33	48.47	48.52	48.38	48.01	47.20	47.18	47.84	48.27	48.35	---	1983
1984	48.32	48.32	48.32	48.43	48.53	48.40	48.41	48.27	47.32	47.35R	48.01R	48.34R	48.18R	1984
1985	48.31	48.28	48.26	48.29	48.52	48.40	48.41	48.14	47.26	---	---	---	---	1985
MOYEN	48.32	48.31	48.30	48.40	48.56	48.39	48.28	47.87	47.28	47.65R	48.18R	48.35R	48.18R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 41 53 BASSIN VERSANT, 21.8 km²
LONG 67 08 42 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

DUVIVIER (LAC) - STATION NO 020B018

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	48.75 LE 27 AVR *	46.94 LE 4 SEP *	1983
1984	---	48.78 LE 2 MAI	47.17 LE 19 SEP	1984
1985	---	48.73 LE 20 MAI	47.20 LE 10 SEP	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

EAU CLAIRE (RIVIERE A L') A LA SORTIE DU LAC L'EAU CLAIRE - STATION NO 03FB001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	1982
1983	---	---	28.33	28.27	28.38	28.60	28.68	28.69	28.70	28.63	28.58	---	---	1983
1984	---	---	---	28.30	28.42	28.55	28.61	28.66	28.75	28.72	---	---	---	1984
1985	---	---	---	28.35	28.34	28.61	28.63	28.59	28.58	28.84R	28.78R	---	---	1985
MOYEN	---	---	28.33	28.32	28.38	28.59	28.64	28.65	28.68	---	---	---	---	MOYEN
										28.73R	28.68R	---	---	

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 55 10 10 BASSIN VERSANT, 3 830 km²
LONG 74 23 18 DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

ECHO (LAC) - STATION NO 02LC040

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1971	---	---	---	---	---	---	---	---	29.41	29.44	29.32	29.44	---	1971
1972	29.46	29.47	29.50	29.57	29.59	29.54	29.53	29.46	29.22	29.09	29.46	29.53	29.45	1972
1973	29.51	29.52	29.52	29.55	29.49	29.46	29.38	29.34	29.28	29.33	28.76	28.90	29.34	1973
1974	29.16	29.31	28.37	29.47	29.50	29.49	29.41	29.38	29.35	29.43	29.43	29.43	29.40	1974
1975	29.41	29.40	29.42	29.52	29.51	29.47	29.38	29.36	29.33	---	---	28.97	---	1975
1976	29.18	29.44	29.47	29.57	29.50	29.40	29.43	29.40	29.40	29.42	29.43	29.41	29.42	1976
1977	29.41	29.41	29.44	29.57	29.40	29.32	29.35	29.26	29.34	---	---	---	---	1977
1978	---	---	---	---	29.49	29.42	29.36	29.33	29.34	29.37	---	---	---	1978
MOYEN	29.35	29.43	29.46	29.54	29.50	29.44	29.40	29.36	29.33	29.35	29.28	29.28	29.40	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 37 45 BASSIN VERSANT, 9.33 km²
LONG 74 01 30 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ECHO (LAC) - STATION NO. 02LC040

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1971	---	---	---	1971
1972	---	29.84 LE 1 MAI *	28.86 LE 29 SEP	1972
1973	---	29.80 LE 2 AVR	28.63 LE 17 NOV *	1973
1974	---	29.80 LE 24 AVR	29.08 LE 1 JAN	1974
1975	---	---	---	1975
1976	---	29.84 LE 3 AVR	29.13 LE 1 JAN	1976
1977	---	---	---	1977
1978	---	---	---	1978

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

ECORES (LAC DES) - STATION NO. 02LE019

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1955	---	---	---	---	---	229.81	229.53	229.54	230.04	230.21	230.11	230.02	---	1955
1956	229.69	229.44	229.38	229.48	229.58	230.14	229.95	229.50	229.89	229.78	229.54	229.78	229.67	1956
1957	229.56	229.52	229.62	229.58	229.58	229.81	229.90	229.40	229.52	229.87	229.86	229.78	229.67	1957
1958	---	229.42	229.58	229.94	229.96	230.22	229.68	229.52	229.90	229.99	229.51	229.46	---	1958
1959	---	230.18	230.06	229.80	229.57	229.40	229.26	229.46	229.87	229.62	229.84	229.83	---	1959
1960	229.85	---	---	229.98	230.11	230.10	229.65	229.32	229.40	229.53	229.59	229.53	---	1960
1961	---	229.71	229.67	229.74	229.95	229.86	229.99	229.97	229.84	229.41	229.43	229.50	---	1961
1962	---	229.80	229.70	229.92	229.71	230.04	229.37	229.29	229.69	---	229.87	229.77	---	1962
1963	---	229.84	229.55	229.56	229.38	229.34	229.32	229.59	229.56	229.35	229.76	229.85	---	1963
1964	229.78	229.69	229.85	229.90	229.71	229.59	229.59	229.51	229.50	229.69	229.80	230.15	229.73	1964
1965	---	229.59	229.37	230.03	229.75	229.43	229.56	229.81	229.87	230.12	230.03	229.59	---	1965
1966	229.74	229.77	230.06	229.82	229.68	229.76	229.54	229.72	229.90	229.55	229.81	229.95	229.75	1966
1967	---	229.71	229.60	229.78	229.55	229.49	229.71	229.42	229.72	229.87	229.96	---	---	1967
1968	---	229.66	229.74	229.69	229.44	229.56	---	---	---	---	---	---	---	1968
1969	229.95	229.84	229.70	229.58	229.55	229.23	229.26	---	229.66	---	229.12	229.79	---	1969
1970	---	---	---	---	---	---	---	229.33	229.56	229.67	229.68	229.84	---	1970
1971	230.05	229.80	229.88	229.82	229.69	229.37	229.38	229.28	229.55	229.67	229.97	230.03	229.70	1971
1972	230.07	229.89	229.84	229.86	229.59	229.55	229.69	229.84	229.82	229.90	229.90	229.80	229.79	1972
1973	230.01	229.83	229.91	---	229.78	229.81	229.59	229.80	229.81	---	229.93	230.09	---	1973
1974	229.94	229.80	229.82	229.94	230.09	230.18	229.74	229.45	229.74	229.90	229.70	229.81	229.88	1974
1975	229.87	229.86	229.85	229.97	229.57	229.38	229.21	229.39	229.44	229.48	229.81	229.82	229.63	1975
1976	229.78	230.05	229.84	229.94	229.85	229.68	229.69	229.43	229.33	229.53	229.85	229.94	229.72	1976
1977	230.12	230.02	229.69	229.78	229.39	229.30	229.48	229.20	229.21	229.62	229.70	229.86	229.60	1977
1978	229.63	229.57	229.78	229.84	229.61	229.25	229.26	229.27	229.31	229.65	229.87	229.83	229.59	1978
1979	229.82	229.72	229.58	229.68	229.51	229.33	229.40	229.70	229.79	229.52	229.44	229.60	229.59	1979
1980	229.75	229.78	229.82	229.62	229.43	229.59	229.72	229.88	229.58	229.62	229.40	---	---	1980
1981	---	229.86	229.83	---	---	230.04	229.70	229.71	229.75	229.79	229.33	229.60	---	1981
1982	229.68	229.35	229.90	229.63	229.44	229.53	229.52	229.71	229.25	229.57	229.93	229.88	229.62	1982
1983	229.48	229.20	229.88	229.63	230.07	229.78	229.75	229.79	229.74	229.55	229.72	229.55	229.67	1983
1984	229.51	229.84	229.36	229.72	229.73	229.72	229.78	229.81	229.76	229.83R	---	229.81R	---	1984
1985	229.67	229.70	229.77	229.79	229.61	229.57	229.72	229.55	229.68	---	---	---	---	1985
MOYEN	229.80	229.74	229.89	229.76	229.70	229.66	229.58	229.56	229.62	229.70R	229.72	229.76R	229.68	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT. 48 30 31
LONG. 78 23 42

BASSIN VERSANT 1 120 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

ECORES (LAC DES) - STATION NO 02LE019

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1955	---	---	---	1955
1956	---	---	---	1956
1957	---	230.25 LE 14 JUN	229.32 LE 6 NOV	1957
1958	---	230.13 LE 15 JUL	229.33 LE 16 AOU	1958
1959	---	---	---	1959
		---	---	
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	230.35 LE 15 AVR	229.28 LE 9 AOU	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	230.15 LE 12 MAR	229.45 LE 24 SEP	1967
1968	---	---	---	1968
1969	---	---	---	1969
		---	---	
1970	---	---	---	1970
1971	---	230.28 LE 11 JAN	229.21 LE 7 AOU	1971
1972	---	230.13 LE 25 JUL	229.33 LE 19 JUN	1972
1973	---	---	---	1973
1974	---	233.32 LE 19 MAI *	229.27 LE 26 AOU	1974
1975	---	---	---	1975
1976	---	230.11 LE 25 AVR	229.18 LE 2 AOU	1976
1977	---	230.40 LE 4 AVR	229.27 LE 16 SEP	1977
1978	---	230.21 LE 15 JAN	229.11 LE 4 AOU	1978
1979	---	230.04 LE 27 AVR	229.07 LE 9 SEP	1979
		229.87 LE 18 JAN	229.22 LE 10 JUL	
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	230.10 LE 11 DEC	228.81 LE 30 MAR *	1983
1984	---	230.44 LE 10 MAI	229.12 LE 26 FEV	1984
		---	---	
1985	---	230.38 LE 25 AVR	229.43 LE 1 SEP	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

ESCALIER (LAC) - STATION NO 02LC066

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	---	---	---	---	---	---	28.64	---	---	---	1977
1978	---	---	---	28.84	28.85	28.80	28.49	28.47	28.54	28.84	28.84	---	---	1978
1979	---	---	---	28.92	28.84	28.67	28.63	---	---	---	---	---	---	1979
MOYEN	---	---	---	28.78	28.90	28.84	28.58	28.47	28.54	28.64	28.84	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 25 12
LONG 74 28 34

BASSIN VERSANT, 298 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

FALSE (RIVIERE) - STATION NO 03MB001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1984	---	---	---	---	---	---	---	---	---	30.18R	29.87R	29.75R	---	1984
1985	29.56	29.53	29.48	29.45	29.82	30.58	29.83	29.82	29.81	---	---	---	---	1985
MOYEN	29.56	29.53	29.48	29.45	29.82	30.58	29.83	29.82	29.81	30.18R	29.87R	29.75R	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 57 40 15
LONG 68 18 12

BASSIN VERSANT, 2 140 km²
DEBIT NATURE.

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

FALSE (RIVIERE) - STATION NO 03MB001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1984	---	---	---	1984
1985	---	30.99 LE 2 JUN *	29.44 LE 4 AVR *	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

FONTANGES (BASSIN) A LA DIGUE KD-15 - STATION NO. 03DC005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1984	---	479.62R	480.01R	480.71R	479.42R	478.73R	478.58R	478.42R	---	---	480.58R	---	---	1984
1985	---	---	479.71	478.96	478.96	---	---	---	---	---	---	---	---	1985
MOYEN	---	479.62R	479.86R	479.84R	479.19R	478.73R	478.58R	478.42R	---	---	480.58R	---	---	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 54 35 00 LONG 71 16 30 — BASSIN VERSANT, 38 600 km² REGULARISE — DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC — R - REVISEE DEPUIS JAN 1980

FOURCHUE (RIVIERE) AU RESERVOIR MORIN - STATION NO 02PG009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	44.91	45.23	---	---	1982
1983	47.64	47.10	---	---	45.14	49.45	47.92	46.49	44.45	43.89	46.72	---	---	1983
1984	---	46.55	45.29	---	49.11	49.46	49.15	48.26	45.65	44.01R	44.26R	47.08R	---	1984
1985	47.61	46.29	44.38	44.50	49.37	49.43	48.81	48.17	44.42	---	---	---	---	1985
MOYEN	47.63	46.65	44.84	44.50	49.21	49.45	48.63	47.64	44.84	44.30R	45.40R	47.08R	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 145.784 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 47 38 58 LONG 69 30 42 — BASSIN VERSANT, 261 km² REGULARISE — DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC — R - REVISEE DEPUIS JAN 1980

FOURCHUE (RIVIERE) AU RESERVOIR MORIN - STATION NO 02PG009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	49.68 LE 15 MAI *	42.98 LE 28 SEP *	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 145.784 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

FREGATE (LAC DE LA) - STATION NO. 03DH007

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1983	---	---	---	28.98	30.61	31.00	---	---	30.25	---	---	314.11	---	1983
1984	313.79	313.56	---	313.53	315.30	315.11	314.61	314.29	314.23	315.00R	314.54R	314.27R	---	1984
1985	313.95	313.67	313.55	313.46	314.24	---	---	---	---	---	---	---	---	1985
MOYEN	313.87	313.62	313.55	218.66	220.05	173.06	314.61	314.29	172.24	315.00R	314.54R	314.19R	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 284.543 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 53 09 45 LONG 74 49 15 — BASSIN VERSANT, 13 800 km² DEBIT NATUREL — DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC — R - REVISEE DEPUIS JAN 1980

GATINEAU (RIVIERE) A BOUCHETTE - STATION NO 02LH007

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	---	---	---	---	---	143.59	143.54	143.87	143.61	144.05	143.89	---	---	1964
1965	144.14	144.18	144.06	143.26	143.53	143.48	143.53	143.74	143.92	---	144.02	144.58	---	1965
1966	145.18	145.23	144.59	144.15	144.28	144.27	143.95	144.00	143.91	143.95	144.07	144.43	144.33	1966
1967	144.78	145.56	145.45	143.99	144.66	144.97	144.19	144.25	144.22	144.03	145.46	144.70	144.68	1967
1968	146.27	146.00	145.25	144.01	144.42	144.49	144.49	144.38	143.57	143.65	143.88	144.63	144.58	1968
1969	145.86	145.26	144.62	143.98	143.87	144.34	144.18	143.75	143.47	143.75	143.86	144.47	144.26	1969
1970	145.05	144.91	144.49	143.49	143.82	144.94	144.55	144.37	143.91	144.07	144.33	144.56	144.37	1970
1971	145.55	145.92	145.61	144.29	143.78	143.92	144.22	143.79	144.14	143.85	143.68	143.92	144.37	1971
1972	143.99	143.88	143.25	143.74	144.15	144.46	144.85	144.62	144.26	144.26	144.53	144.65	144.22	1972
1973	144.65	145.01	144.65	144.32	144.67	144.76	144.64	144.19	144.56	144.73	144.66	144.87	144.65	1973
1974	145.33	145.13	145.25	144.11	---	---	---	144.12	143.68	143.73	144.35	144.68	---	1974
1975	145.35	145.69	144.96	144.04	143.81	144.15	143.77	143.61	143.58	---	143.56	144.17	---	1975
1976	145.21	145.34	144.37	144.82	145.28	143.94	143.94	144.32	144.07	143.47	143.42	144.65	144.39	1976
1977	144.77	144.69	144.68	144.34	144.58	143.49	143.49	143.50	143.57	143.54	143.40	144.69	144.06	1977
1978	145.77	145.62	144.48	143.20	143.36	143.74	143.87	143.76	143.55	143.57	143.34	143.86	143.95	1978
1979	144.54	144.60	144.30	144.03	145.56	144.07	143.71	143.78	143.76	144.21	---	145.18	---	1979
1980	145.36	145.47	144.42	144.06	143.49	143.80	143.75	143.73	143.80	144.12	144.20	144.66	144.31	1980
1981	145.12	144.92	145.33	145.63	145.47	145.08	143.92	143.77	143.78	143.73	143.73	143.84	144.52	1981
1982	144.26	144.36	144.12	143.92	143.51	143.48	---	---	---	---	---	---	---	1982
MOYEN	145.05	145.15	144.65	144.07	144.24	144.16	144.02	143.97	143.85	143.92	144.08	144.51	144.36	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 12 41
LONG 75 56 25

BASSIN VERSANT 20 400 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

GATINEAU (RIVIERE) A BOUCHETTE - STATION NO 02LH007

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	145 73 LE 18 JAN	142 51 LE 29 AVR	1967
1968	---	145 71 LE 26 JUN	142 75 LE 3 SEP	1968
1969	---	146 87 LE 17 JAN	143 04 LE 13 SEP	1969
1970	---	145 85 LE 16 JAN	141 82 LE 28 SEP *	1970
1971	---	146 41 LE 7 JUN	142 87 LE 18 AVR	1971
1972	---	146 23 LE 26 FEV	142 37 LE 1 NOV	1972
1973	---	145 26 LE 17 JUL	142 61 LE 5 AVR	1973
1974	---	146 01 LE 25 DEC	143 59 LE 16 MAR	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	146 01 LE 22 MAI	143 23 LE 25 NOV	1977
1978	---	145 76 LE 10 MAI	142 95 LE 29 SEP	1978
1979	---	146 31 LE 14 JAN	142 61 LE 9 AVR	1979
1980	---	---	---	1980
1981	---	147 40 LE 13 FEV *	143 15 LE 21 JUN	1981
1982	---	146 28 LE 22 MAI	143 12 LE 28 NOV	1982
		144 64 LE 27 AVR	142 68 LE 19 JUN	

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

GATINEAU (RIVIERE) A LA CENTRALE DE PAUGAN-FALLS - STATION NO. 02LH009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNE
1927	---	---	---	---	137.43R	136.66R	138.70R	141.07R	136.81R	137.29R	139.35R	---	---	192
1928	137.46R	138.08R	---	134.13R	135.53R	134.76R	135.01R	139.95R	140.74R	141.20R	141.06R	141.26R	---	192
1929	141.31R	141.23R	141.25R	141.24R	138.76R	140.88R	141.28R	140.88R	140.52R	140.30R	140.70R	140.87R	140.85R	192
1930	140.81R	140.69R	140.74R	141.01R	141.01R	141.15R	141.18R	141.06R	141.24R	140.64R	140.82R	140.57R	140.92R	193
1931	140.17R	140.06R	140.76R	140.34R	140.29R	139.93R	140.26R	139.91R	139.88R	140.18R	140.98R	140.35R	140.25R	193
1932	140.57R	140.59R	140.56R	140.70R	140.79R	140.46R	140.78R	140.70R	140.80R	140.91R	141.13R	141.07R	140.74R	193
1933	140.87R	140.85R	141.00R	140.68R	140.70R	141.14R	140.88R	140.49R	140.33R	140.74R	140.57R	140.65R	140.74R	193
1934	140.48R	140.52R	140.75R	140.95R	140.95R	141.22R	141.17R	140.40R	140.50R	140.76R	140.66R	140.08R	140.70R	193
1935	140.59R	140.78R	140.84R	140.50R	140.47R	140.77R	140.37R	140.14R	140.43R	140.82R	140.76R	140.18R	140.55R	193
1936	140.70R	140.67R	140.71R	140.78R	139.51R	140.91R	141.27R	140.66R	141.05R	140.92R	141.11R	140.68R	140.74R	193
1937	140.99R	141.18R	141.36R	141.34R	141.23R	141.20R	140.79R	140.61R	140.50R	140.48R	140.98R	140.95R	140.98R	193
1938	140.73R	140.88R	140.91R	141.18R	140.75R	141.08R	141.09R	141.04R	140.66R	140.95R	140.85R	140.30R	140.87R	193
1939	140.37R	140.69R	140.29R	140.79R	141.23R	140.65R	140.88R	140.85R	140.18R	140.17R	140.74R	140.34R	140.61R	193
1940	140.58R	140.56R	140.58R	140.52R	140.88R	141.19R	141.12R	140.27R	140.58R	140.63R	140.81R	140.40R	140.67R	194
1941	140.54R	140.77R	140.48R	140.93R	140.71R	140.44R	140.57R	140.17R	140.56R	140.18R	141.09R	140.88R	140.61R	194
1942	140.47R	140.58R	140.72R	140.57R	140.96R	141.19R	140.50R	140.62R	140.46R	---	140.73R	140.58R	---	194
1943	140.63R	140.72R	140.48R	140.11R	141.18R	141.21R	140.87R	140.36R	140.29R	140.42R	140.83R	140.05R	140.60R	194
1944	140.57R	140.62R	140.64R	140.23R	140.65R	140.90R	140.45R	140.43R	140.36R	140.61R	141.20R	140.96R	140.65R	194
1945	140.97R	140.98R	140.94R	140.99R	140.72R	140.74R	140.76R	140.68R	140.73R	141.00R	140.95R	140.34R	140.81R	194
1946	140.89R	140.96R	141.03R	140.26R	140.59R	140.59R	140.61R	140.78R	140.65R	140.79R	140.93R	140.87R	140.74R	194
1947	140.83R	140.89R	140.93R	141.02R	139.61R	139.89R	141.02R	140.63R	140.57R	140.73R	140.91R	140.73R	140.85R	194
1948	140.65R	141.05R	140.95R	140.33R	140.30R	140.74R	140.74R	140.53R	140.47R	140.80R	141.01R	140.69R	140.89R	194
1949	140.71R	140.84R	140.73R	140.44R	140.44R	140.30R	140.60R	140.29R	140.27R	140.71R	140.63R	140.91R	140.57R	194
1950	140.90R	140.75R	140.38R	140.14R	140.24R	140.68R	140.42R	140.22R	140.66R	140.75R	141.09R	140.19R	140.53R	195
1951	140.78R	140.84R	140.55R	140.58R	140.78R	140.41R	140.76R	140.61R	140.96R	140.70R	140.99R	140.68R	140.72R	195
1952	140.79R	140.58R	140.46R	140.62R	139.83R	140.83R	141.04R	140.70R	140.57R	140.43R	140.85R	140.76R	140.61R	195
1953	140.67R	140.83R	141.00R	140.96R	141.06R	140.82R	140.84R	140.69R	140.91R	140.45R	140.90R	140.84R	140.84R	195
1954	140.69R	140.94R	140.42R	140.85R	140.49R	140.85R	140.72R	140.76R	140.78R	140.88R	141.03R	140.72R	140.74R	195
1955	140.84R	140.88R	140.67R	140.67R	140.73R	140.84R	140.55R	140.78R	140.38R	140.39R	140.32R	140.31R	140.59R	195
1956	140.17R	140.36R	140.33R	139.57R	140.29R	140.58R	140.48R	140.22R	139.81R	140.30R	140.48R	140.24R	140.24R	195
1957	139.95R	140.32R	140.46R	140.33R	140.30R	140.78R	139.98R	140.60R	140.58R	140.50R	140.80R	140.82R	140.45R	195
1958	140.61R	140.55R	140.72R	140.13R	140.39R	140.22R	140.76R	140.39R	140.58R	140.44R	140.20R	139.94R	140.41R	195
1959	140.31R	140.53R	140.71R	139.67R	140.03R	140.67R	140.54R	140.48R	140.77R	140.54R	140.86R	140.16R	140.42R	195
1960	140.52R	140.40R	140.61R	140.14R	140.50R	140.40R	140.50R	140.18R	140.29R	140.56R	140.83R	140.39R	140.44R	196
1961	140.23R	140.63R	140.55R	140.06R	140.14R	140.21R	140.28R	140.50R	140.08R	140.45R	140.56R	140.32R	140.33R	196
1962	140.43R	140.25R	140.47R	139.68R	140.20R	140.47R	140.34R	140.28R	140.69R	140.96R	140.92R	140.78R	140.48R	196
1963	140.61R	140.88R	140.84R	139.88R	140.22R	140.07R	140.31R	140.61R	140.53R	140.63R	140.68R	140.43R	140.47R	196
1964	140.36R	140.47R	140.49R	140.18R	140.30R	140.32R	140.79R	140.58R	140.81R	140.88R	140.84R	140.53R	140.56R	196
1965	140.80R	140.70R	140.82R	140.18R	140.21R	140.90R	140.58R	140.32R	140.71R	140.78R	140.85R	140.40R	140.59R	196
1966	140.74R	140.74R	140.70R	139.65R	140.45R	140.08R	140.50R	140.42R	140.69R	---	---	---	---	196
MOYEN	140.54R	140.63R	140.71R	140.32R	140.30R	140.42R	140.53R	140.52R	140.45R	140.55R	140.78R	140.55R	140.62R	MOYE

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 48 34
LONG 75 55 55

BASSIN VERSANT, 22 500 km²
REGULARISE

DONNEES FOURNIES PAR -
HYDRO-QUEBEC

R - REVISEE DEPUIS JAN 198

GATINEAU (RIVIERE) A LA CENTRALE DE PAUGAN-FALLS - STATION NO. 02LH005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1927	---	---	---	1927
1928	---	---	---	1928
1929	---	143.04R LE 18 MAI	138.84R LE 27 MAI	1929
1930	---	141.46R LE 2 AOU	139.75R LE 10 OCT	1930
1931	---	141.58R LE 22 NOV	138.01R LE 15 AOU	1931
1932	---	141.43P LE 23 AVR	138.29R LE 29 AOU	1932
1933	---	141.40R LE 1 AOU	138.20R LE 26 AOU	1933
1934	---	141.43R LE 16 JUN	138.57R LE 30 DEC	1934
1935	---	141.46R LE 2 JUL	138.82R LE 7 DEC	1935
1936	---	141.49R LE 26 OCT	137.78R LE 20 MAI	1936
1937	---	141.46R LE 13 MAR	139.51R LE 16 OCT	1937
1938	---	141.44R LE 14 MAR	139.10R LE 22 JAN	1938
1939	---	141.44R LE 14 JUL	138.99R LE 15 SEP	1939
1940	---	141.37R LE 28 JUL	139.41R LE 29 DEC	1940
1941	---	141.44R LE 26 DEC	137.21R LE 19 OCT	1941
1942	---	---	---	1942
1943	---	141.41R LE 31 MAI	138.83R LE 31 DEC	1943
1944	---	143.29R LE 24 JAN *	138.93R LE 2 SEP	1944
1945	---	141.63R LE 15 MAR	139.14R LE 30 DEC	1945
1946	---	141.62R LE 12 DEC	139.29R LE 4 MAI	1946
1947	---	141.61R LE 31 MAR	138.01R LE 26 MAI	1947
1948	---	141.62R LE 23 FEV	138.92R LE 5 MAI	1948
1949	---	141.53R LE 19 DEC	138.35R LE 3 AVR	1949
1950	---	141.52R LE 20 NOV	138.24R LE 30 DEC	1950
1951	---	142.54R LE 13 SEP	139.26R LE 17 AVR	1951
1952	---	141.40R LE 23 JUN	139.02R LE 19 MAI	1952
1953	---	142.57R LE 1 SEP	139.03R LE 17 OCT	1953
1954	---	142.33R LE 20 AOU	139.08R LE 10 JUN	1954
1955	---	141.43R LE 23 MAI	138.75R LE 24 DEC	1955
1956	---	141.37R LE 20 NOV	138.58R LE 26 AVR	1956
1957	---	141.51R LE 9 DEC	138.41R LE 4 MAI	1957
1958	---	141.47R LE 20 MAI	138.30R LE 14 DEC	1958
1959	---	141.40R LE 2 MAR	138.17R LE 2 MAI	1959
1960	---	142.42R LE 28 MAR	138.38R LE 20 AOU	1960
1961	---	141.29R LE 6 FEV	138.59R LE 2 SEP	1961
1962	---	141.46R LE 19 NOV	138.10R LE 7 AVR	1962
1963	---	141.40R LE 2 DEC	138.24R LE 12 AVR	1963
1964	---	143.13R LE 20 AVR	139.03R LE 2 MAI	1964
1965	---	141.37R LE 21 JUN	138.83R LE 8 AOU	1965
1966	---	141.27R LE 4 JUL	133.96R LE 9 JUN *	1966

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

GATINEAU (RIVIERE) A MANIWAKI - STATION NO. 02LH001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1925	---	---	182.86	184.88	185.54	184.49	183.72	183.20	182.04	182.30	182.63	183.04	---	1925
1926	182.66	182.29	182.28	182.55	185.57	184.59	183.85	182.61	182.14	182.19	184.02	184.22	183.27	1926
1927	183.97	183.27	183.09	---	181.78	182.15	183.66	184.14	182.67	182.88	---	183.10	---	1927
1928	---	183.81	183.49	184.27	186.48	184.67	183.71	183.15	183.61	184.20	183.86	183.28	---	1928
1929	---	183.82	---	---	186.57	184.19	183.77	---	182.87	183.03	---	---	---	1929
1930	---	---	---	182.42	182.90	183.70	183.36	182.80	183.07	182.89	---	---	---	1930
1931	---	---	---	182.23	182.26	---	182.33	182.39	182.59	---	182.86	---	---	1931
1932	---	---	---	182.39	182.57	---	---	183.27	184.21	183.99	183.70	---	---	1932
1933	---	---	---	184.33	184.83	183.24	---	183.12	183.20	---	---	---	---	1933
1934	---	183.47	---	182.93	---	183.82	---	182.80	---	---	---	---	---	1934
1935	---	183.53	---	---	---	182.54	---	---	---	183.01	182.88	---	---	1935
1936	183.46	---	183.45	182.82	---	---	---	---	---	183.15	---	183.38	---	1936
1937	183.33	183.70	183.75	---	---	---	---	183.05	---	---	---	183.45	---	1937
1938	183.74	---	---	183.52	---	183.81	---	182.79	182.85	---	183.19	---	---	1938
1939	---	183.88	183.79	183.38	183.81	---	---	---	183.30	---	---	183.21	---	1939
1940	183.61	183.82	183.36	182.92	183.34	184.56	183.79	183.48	183.30	183.12	182.88	183.12	183.43	1940
1941	183.43	183.48	183.39	183.01	182.75	182.77	182.84	183.12	183.02	183.31	183.84	183.46	183.19	1941
1942	183.69	183.67	183.44	182.87	184.02	183.86	183.47	183.41	183.21	183.21	183.08	183.21	183.44	1942
1943	183.81	183.62	183.53	183.30	183.83	184.36	183.50	183.45	183.49	183.21	182.87	183.21	183.50	1943
1944	183.40	183.37	183.13	182.76	182.86	182.29	182.44	182.89	183.09	182.89	183.03	183.16	182.93	1944
1945	183.89	183.87	183.22	182.82	182.78	182.94	182.86	182.78	182.77	182.88	---	183.32	---	1945
1946	183.46	183.59	182.83	182.75	182.92	183.18	183.20	183.06	183.08	---	---	183.24	---	1946
1947	183.78	183.81	183.67	183.45	---	---	---	183.45	183.69	---	---	183.27	---	1947
1948	183.84	184.03	183.25	182.74	183.03	183.14	---	---	183.25	---	---	---	---	1948
1949	183.39	---	---	---	---	---	---	---	---	---	---	---	---	1949
1950	---	---	---	---	---	---	---	183.22	---	---	---	---	---	1950
1951	---	---	---	184.21	---	---	---	---	---	---	---	---	---	1951
1952	---	---	---	---	---	---	183.67	---	183.14	183.18	---	---	---	1952
1953	183.81	---	---	---	---	---	182.98	---	182.99	183.14	---	182.97	---	1953
1954	183.43	183.85	183.78	182.78	---	183.38	---	183.10	183.17	---	---	---	---	1954
1955	---	183.71	---	183.85	---	---	182.98	182.89	182.88	---	183.14	183.44	---	1955
1956	---	183.80	183.88	182.88	---	---	---	---	184.00	---	---	---	---	1956
1957	183.83	183.86	---	---	183.06	182.89	183.28	---	183.53	---	---	183.76	---	1957
1958	---	---	---	---	183.23	---	183.17	---	183.30	---	---	---	---	1958
1959	183.96	---	183.73	182.88	---	---	---	---	---	182.71	---	---	---	1959
1960	183.81	183.83	---	183.10	---	---	---	---	183.49	---	183.84	184.23	---	1960
1961	184.23	184.00	183.85	182.74	182.80	182.89	---	182.98	183.57	---	183.21	183.37	---	1961
1962	183.96	184.29	183.93	182.85	182.88	182.78	---	183.21	182.98	182.85	---	---	---	1962
1963	183.44	183.31	183.38	182.78	182.70	182.59	182.88	182.70	---	---	183.10	183.80	---	1963
1964	---	183.48	183.19	182.89	---	---	182.88	182.80	182.85	183.28	183.15	---	---	1964
1965	184.07	183.91	183.36	182.27	182.80	182.70	182.80	183.02	---	---	184.11	183.80	---	1965
1966	183.77	183.79	183.86	183.40	183.50	---	---	183.28	183.22	183.29	183.42	183.39	---	1966
1967	183.86	184.24	183.89	183.28	183.88	184.06	183.35	183.41	183.33	183.18	184.85	183.67	183.73	1967
1968	184.24	184.14	183.88	183.01	183.42	183.44	183.47	183.32	182.85	182.71	182.91	183.52	183.38	1968
1969	184.61	184.32	183.82	182.78	182.80	183.41	183.50	182.98	182.84	183.14	183.27	183.89	183.44	1969
1970	183.87	183.82	183.41	---	183.53	184.16	183.75	183.52	183.21	183.27	183.58	183.42	---	1970
1971	183.73	184.05	183.83	182.46	183.03	183.19	183.45	183.19	183.44	183.22	182.98	183.34	183.30	1971
1972	183.84	183.20	182.90	183.31	183.50	---	---	183.77	183.48	---	183.72	183.56	---	1972
1973	183.80	---	183.77	183.57	183.94	184.03	183.85	---	---	183.86	183.84	184.21	---	1973
1974	183.72	183.87	183.52	182.86	---	185.99	184.17	---	183.08	---	---	183.89	---	1974
1975	---	183.75	183.45	183.35	183.09	183.37	183.11	---	183.00	182.91	182.86	183.25	---	1975
1976	184.01	184.19	183.55	183.89	184.44	183.11	183.24	---	183.35	182.79	---	183.93	---	1976
1977	184.00	184.25	---	182.64	183.85	182.83	182.78	182.76	182.83	182.85	182.58	183.58	---	1977
1978	183.82	184.08	182.91	182.50	182.44	182.91	182.92	183.00	182.78	182.84	182.48	182.80	182.93	1978
1979	184.03	184.27	183.76	183.62	184.87	183.23	182.83	182.88	183.03	183.39	183.77	184.05	183.83	1979
1980	184.28	184.12	183.43	183.19	182.87	182.88	182.85	182.83	182.92	183.20	183.35	183.41	183.28	1980
1981	---	183.96	184.20	184.62	184.56	184.19	183.14	182.98	182.97	182.92	182.85	182.95	---	1981
1982	183.27	---	---	182.97	182.87	182.56	182.20	182.85	182.64	182.87	182.77	182.78	---	1982
1983	183.78	183.74	183.52	182.98	184.88	184.04	183.04	183.13	182.87	182.78	182.54	---	---	1983
1984	---	183.25	183.43	183.39	183.19	183.88	183.16	183.00	183.16	183.08R	183.34R	183.30R	---	1984
1985	183.88	183.78	183.83	183.28	183.28	182.99	183.01	183.58	183.11	---	---	---	---	1985
MOYEN	183.75	183.75	183.46	183.15	183.54	183.45	183.22	183.11	183.11	183.08R	183.26R	183.44R	183.34	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 22 58
LONG 75 57 58

BASSIN VERSANT, 19 700 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

GATINEAU (RIVIERE) A MANIWAKI - STATION NO. 02LH001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1925	---	---	---	1925
1926	---	---	---	1926
1927	---	166.89 LE 26 MAI *	161 93 LE 12 OCT	1927
1928	---	---	---	1928
1929	---	---	---	1929
1930	---	---	---	1930
1931	---	---	---	1931
1932	---	---	---	1932
1933	---	---	---	1933
1934	---	---	---	1934
1935	---	---	---	1935
1936	---	---	---	1936
1937	---	---	---	1937
1938	---	---	---	1938
1939	---	---	---	1939
1940	---	164 78 LE 13 JUN	162 34 LE 13 AVR	1940
1941	---	163 96 LE 18 JAN	162.27 LE 9 OCT	1941
1942	---	165 01 LE 26 MAI	162 53 LE 2 AVR	1942
1943	---	164 54 LE 17 JUN	162 57 LE 26 OCT	1943
1944	---	163 83 LE 1 JAN	161 89 LE 3 JUL	1944
1945	---	---	---	1945
1946	---	---	---	1946
1947	---	---	---	1947
1948	---	---	---	1948
1949	---	---	---	1949
1950	---	---	---	1950
1951	---	---	---	1951
1952	---	---	---	1952
1953	---	---	---	1953
1954	---	---	---	1954
1955	---	---	---	1955
1956	---	---	---	1956
1957	---	---	---	1957
1958	---	---	---	1958
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	165 24 LE 7 NOV	161 90 LE 3 SEP	1968
1969	---	164 63 LE 18 JAN	161 80 LE 14 SEP	1969
1970	---	164.96 LE 11 FEV	161 53 LE 27 SEP *	1970
1971	---	---	---	1971
1972	---	164 81 LE 18 NOV	161 71 LE 14 AVR	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	164 51 LE 1 FEV 166 76 LE 3 MAR	161 71 LE 1 AVR 162 38 LE 14 AOU	1979
1980	---	164 40 LE 19 JAN	162.32 LE 20 JUN	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	164 39 LE 26 AVR	162 23 LE 6 JUN	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

GATINEAU (RIVIERE) AU RESERVOIR BASKATONG - STATION NO. 02LG007

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	221.31R	220.85R	219.41R	220.15R	225.33R	227.10R	226.66R	225.93R	226.68R	225.76R	224.97R	225.18R	224.13R	1963
1964	223.69R	221.49R	---	218.43R	227.00R	228.57R	228.79R	228.16R	227.53R	226.55R	225.38R	223.74R	---	1964
1965	223.01R	220.62R	217.42R	216.10R	225.33R	228.27R	228.05R	228.77R	229.79R	230.30R	230.29R	229.51R	225.68R	1965
1966	227.76R	225.06A	221.87R	223.08R	227.73R	229.22R	228.95R	229.03R	228.49R	227.71R	226.16R	226.95R	227.18R	1966
1967	220.92R	218.38R	215.10R	214.75R	221.93R	223.22R	223.12R	222.29R	220.52R	220.88R	223.10R	222.54R	220.56R	1967
1968	220.75R	218.12R	214.44R	217.98R	222.50R	221.99R	221.31R	219.49R	218.92R	219.89R	219.75R	218.42R	219.47R	1968
1969	216.48R	214.48R	213.31R	213.63R	220.19R	222.57R	221.83R	220.57R	220.26R	220.38R	220.69R	220.31R	218.75R	1969
1970	218.07R	215.97R	213.01R	211.33R	220.97R	223.00R	222.78R	221.77R	220.58R	220.19R	219.71R	218.35R	218.83R	1970
1971	215.67R	213.00R	211.33R	211.56R	220.25R	222.61R	221.59R	219.71R	217.63R	217.07R	216.36R	214.31R	216.78R	1971
1972	212.22R	211.20R	211.56R	210.76R	218.83R	222.90R	222.66R	221.67R	221.36R	221.91R	222.29R	220.94R	218.23R	1972
1973	218.94R	217.03R	214.99R	217.07R	222.32R	222.69R	221.98R	221.91R	222.57R	221.45R	219.55R	218.66R	219.95R	1973
1974	217.11R	215.27R	211.97R	212.10R	222.21R	223.25R	222.64R	221.41R	220.11R	220.38R	221.62R	220.89R	219.10R	1974
1975	218.54R	215.12R	211.27R	208.69R	218.79R	221.78R	221.72R	220.61R	220.03R	220.09R	220.07R	219.62R	218.05R	1975
1976	217.39R	213.33R	209.57R	216.71R	222.67R	222.57R	222.95R	222.96R	222.06R	221.58R	221.29R	220.24R	219.46R	1976
1977	218.03R	215.84R	213.14R	214.99R	222.13R	222.22R	222.31R	222.16R	221.92R	221.33R	221.08R	220.66R	219.88R	1977
1978	218.06R	214.70R	208.88R	207.89R	218.64R	222.08R	221.85R	221.02R	220.01R	219.80R	219.44R	218.57R	217.60R	1978
1979	216.72R	214.06R	210.27R	214.10R	221.60R	222.28R	222.00R	221.40R	221.01R	222.21R	222.47R	222.53R	219.26R	1979
1980	220.54R	217.14R	213.46R	214.96R	220.36R	220.86R	220.32R	219.82R	219.49R	220.41R	221.38R	220.39R	219.10R	1980
1981	218.10R	215.76R	217.05R	219.79R	222.68R	222.57R	222.17R	221.44R	220.38R	219.37R	219.06R	218.27R	219.74R	1981
1982	216.52R	213.61R	210.04R	209.53R	218.71R	220.54R	219.81R	218.00R	---	215.62R	216.71R	216.66R	---	1982
1983	---	217.05R	213.15R	213.73R	221.48R	222.78R	221.98R	220.44R	218.41R	217.81R	217.31R	---	---	1983
1984	215.19R	212.74R	210.54R	213.72R	221.07R	222.87R	222.81R	222.64R	222.44R	221.82R	221.47R	221.15R	219.06R	1984
1985	219.96R	217.53	212.77	210.65	219.95	221.27	221.64	222.34	221.17	220.91	220.24	219.21	218.99R	1985
1986	217.29	213.18	209.60	215.25	222.05	222.53	221.87	---	220.14	220.57	---	---	---	1986
MOYEN	218.79R	216.31R	213.22R	214.48R	221.87R	223.32R	222.98R	222.33R	221.81R	221.45R	221.40R	220.86R	219.88R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 43 04 LONG 75 59 03

BASSIN VERSANT, 15 600 km^2
REGULARISE

DONNEES FOURNIES PAR - HYDRO-QUEBEC

R - REVISEE DEPUIS JAN 1980

GATINEAU (RIVIERE) AU RESERVOIR BASKATONG - STATION NO. 02LG007

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	238.91R LE 7 JUN *	218.57R LE 31 MAR	1963
1964	---	---	---	1964
1965	---	230.39R LE 1 NOV	212.37R LE 6 AVR	1965
1966	---	229.31R LE 19 JUN	220.89R LE 24 MAR	1966
1967	---	223.36R LE 18 JUN	213.18R LE 9 AVR	1967
1968	---	222.52R LE 12 MAI	213.38R LE 27 MAR	1968
1969	---	222.74R LE 14 JUN	211.72R LE 8 AVR	1969
1970	---	223.35R LE 6 JUN	209.80R LE 12 AVR	1970
1971	---	222.83R LE 8 JUN	209.92R LE 11 AVR	1971
1972	---	223.18R LE 29 JUN	209.78R LE 20 AVR	1972
1973	---	222.89R LE 23 MAI	214.66R LE 11 MAR	1973
1974	---	223.46R LE 20 JUN	209.80R LE 10 AVR	1974
1975	---	222.17R LE 20 JUN	207.25R LE 15 AVR	1975
1976	---	223.21R LE 17 AOU	208.98R LE 22 MAR	1976
1977	---	222.48R LE 9 JUL	212.07R LE 30 MAR	1977
1978	---	222.32R LE 2 JUL	205.47R LE 29 MAR *	1978
1979	---	222.95R LE 28 OCT	208.53R LE 25 MAR	1979
1980	---	221.92R LE 1 JAN	211.93R LE 28 MAR	1980
1981	---	223.30R LE 22 MAI	215.12R LE 19 FEV	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	223.02R LE 20 JUN	208.34R LE 2 AVR	1984
1985	---	222.76 LE 2 AOU	209.37 LE 14 AVR	1985
1986	---	---	---	1986

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

GENS DE TERRE (RIVIERE) AU RESERVOIR CABONGA - STATION NO. 02LG003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	357.97R	---	356.40R	356.54R	357.37R	357.70R	357.78R	357.88R	357.87R	357.91R	357.54R	357.60R	---	1963
1964	357.48R	357.42R	357.57R	357.55R	358.28R	358.60R	358.63R	358.52R	358.33R	358.10R	357.69R	357.80R	358.00R	1964
1965	357.78R	357.75R	357.48R	357.13R	357.92R	358.38R	358.33R	358.41R	358.68R	358.98R	359.21R	359.51R	358.30R	1965
1966	359.70R	359.61R	359.31R	358.89R	359.28R	359.71R	359.89R	360.05R	360.01R	359.95R	359.44R	360.26R	359.71R	1966
1967	360.52R	360.60R	360.06R	360.01R	360.70R	360.88R	360.78R	360.55R	360.45R	360.89R	360.84R	360.79R	360.57R	1967
1968	360.47R	360.10R	359.63R	359.85R	360.34R	360.50R	360.36R	360.48R	360.33R	360.12R	360.25R	360.21R	360.22R	1968
1969	359.53R	358.62R	357.68R	357.45R	358.30R	358.87R	359.12R	359.18R	358.97R	358.57R	358.90R	359.21R	358.89R	1969
1970	359.23R	358.95R	358.79R	358.68R	359.56R	360.07R	360.19R	360.25R	360.13R	359.79R	359.34R	359.48P	359.58R	1970
1971	359.58R	358.90R	358.34R	358.66R	359.33P	359.68R	359.85R	359.86R	359.57R	358.90R	358.62R	358.78R	359.14R	1971
1972	358.78R	358.39R	358.14R	358.30R	359.02R	359.58R	359.98R	360.01R	360.01R	359.87R	360.05R	360.26P	359.37R	1972
1973	360.28R	359.94A	359.52R	359.91R	360.60R	360.88R	360.83R	360.75R	360.33R	360.19R	360.29R	359.98R	360.29R	1973
1974	359.82R	359.45R	359.36R	359.66R	360.47R	360.89R	360.80R	360.79R	360.64R	360.09R	359.76R	359.57R	360.10R	1974
1975	359.43R	359.37R	359.23R	359.19R	359.81R	360.21R	360.27R	360.25R	359.99P	359.61R	359.60R	358.84P	359.65R	1975
1976	358.74R	358.88R	359.03R	359.56R	360.22R	360.55P	360.70R	360.64R	360.47R	360.24R	359.70R	359.28P	359.84R	1976
1977	358.89R	358.82R	359.11R	359.73R	360.25R	360.48R	360.69R	360.53R	360.37R	360.06R	359.54R	359.49P	359.84R	1977
1978	359.42R	359.22R	359.28R	359.48R	360.04R	360.10R	360.07R	359.89R	359.70R	359.65R	359.35R	359.02R	359.60R	1978
1979	358.88R	358.93R	358.07R	359.46R	360.28R	360.67R	360.65R	360.65R	360.67R	360.77	360.81	360.69	360.14R	1979
1980	360.41	359.82	359.34	359.54	360.09	360.30	360.24	360.30	360.23	360.36	360.44	360.41	360.13	1980
1981	360.27	359.86	359.69	360.46	360.87	360.79	360.70	360.33	360.11	360.07	359.96	359.40	360.21	1981
1982	358.86	358.86	358.56	358.70	359.39	359.59	359.65	359.55	359.46	359.16	359.06	358.58	359.12	1982
1983	---	358.76	358.69	359.17	360.06	360.58	360.63	360.49	360.12	359.93	359.89	359.24	---	1983
1984	359.08	357.93	358.11	358.57	359.17	359.86	359.94	360.07	360.04	359.94	360.01	360.17	359.31	1984
1985	359.50	359.26	359.44	359.68	360.40	360.50	360.43	360.71	360.84	359.97	359.78	358.91	359.94	1985
1986	358.83	358.69	358.70	359.22	359.86	360.16	360.26	---	359.03	---	---	---	---	1986
MOYEN	359.21R	359.05R	358.78R	358.98R	359.85R	360.97R	360.02R	360.00R	359.88R	359.69R	359.59R	359.46R	359.81R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 304.800 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 47 18 43 BASSIN VERSANT 2 820 km²
LONG 74 26 09 REGULARISE

DONNEES FOURNIES PAR - HYDRO-QUEBEC

R - REVISEE DEPUIS JAN 1980

GENS DE TERRE (RIVIERE) AU RESERVOIR CABONGA - STATION NO. 02LG003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	358.73R LE 8 JUL	357.23R LE 6 AVR	1965
1966	---	359.62R LE 30 DEC	356.94R LE 12 AVR *	1966
1967	---	360.40R LE 20 DEC	358.77R LE 12 AVR	1967
1968	---	360.03R LE 12 JUN	359.79R LE 26 MAR	1968
1969	---	360.68R LE 1 JAN	359.46R LE 26 MAR	1969
1970	---	359.92R LE 1 JAN	357.25R LE 6 AVR	1970
1971	---	360.29R LE 16 AOU	358.66R LE 11 AVR	1971
1972	---	359.76R LE 3 JUL	358.27R LE 9 MAR	1972
1973	---	360.33R LE 30 DEC	358.08P LE 9 MAR	1973
1974	---	360.93R LE 11 JUN	359.38R LE 15 MAR	1974
1975	---	360.99R LE 20 JUN *	359.34R LE 16 MAR	1975
1976	---	360.30R LE 24 JUN	358.63R LE 22 DEC	1976
1977	---	360.78P LE 5 JUL	358.67R LE 1 JAN	1977
1978	---	360.72R LE 30 JUL	358.71R LE 24 JAN	1978
1979	---	360.24R LE 2 JUN	358.81R LE 31 DEC	1979
1980	---	360.85 LE 14 NOV	358.83R LE 8 JAN	1980
1981	---	360.60 LE 10 DEC	359.23 LE 28 MAR	1981
1982	---	360.97 LE 16 MAI	359.00 LE 27 DEC	1982
1983	---	359.67 LE 17 JUL	358.30 LE 21 DEC	1983
1984	---	---	---	1984
1985	---	360.28 LE 18 DEC	357.84 LE 22 JAN	1985
1986	---	360.78 LE 28 AOU	358.62 LE 31 DEC	1986

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 304.800 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

MART JAUNE (RIVIERE) AU RESERVOIR PETIT MANICOUAGAN - STATION NO. 02TB001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	202.84	202.09	201.23	200.21	200.02	203.22	203.63	203.64	203.55	203.72	203.54	203.02	202.55	1965
1966	202.27	201.45	200.56	199.73	199.59	203.23	203.66	203.52	203.55	203.73	203.77	203.58	202.39	1966
1967	203.09	202.36	201.46	200.51	200.13	202.82R	203.63	203.08	202.73	203.63	203.71	203.48	202.83R	1967
1968	202.93	202.10	201.32	200.37	201.47	203.34	203.65	203.70	203.60	203.63	203.72	203.23	202.75	1968
1969	202.56	201.79	200.95	200.03	200.02	203.12	203.32	203.41	203.77	203.80	203.80	203.67	202.62	1969
1970	203.14	202.40	201.55	200.70	200.88	203.42	203.48	203.71	203.88	203.51	203.39	202.70R	202.71R	1970
1971	201.80	200.80	199.71R	198.58	200.03	202.61	203.13	203.58	203.77	203.88	203.81	203.28	202.08R	1971
1972	202.52	201.56R	200.39	199.24R	198.55	202.30	203.49	203.40	203.89	203.88	203.83	202.88R	202.14R	1972
1973	202.05	201.08	200.04	198.89	198.94	203.56	203.83	203.88	203.38	203.23	203.29	202.90	202.14	1973
1974	202.21	201.31	200.29	199.13	198.58	202.77	203.54	203.69	203.83	203.41	203.06	202.44	201.99	1974
1975	201.86	200.89	199.25	198.01	198.37	202.30	203.54	203.80	203.85	203.81	203.27	202.88R	201.71R	1975
1976	201.84	200.93	199.81	199.11	200.31	203.62	203.82	203.83	203.70	203.73	203.72	203.18	202.26	1976
1977	202.49	201.77	200.94	199.40	199.41	203.19	203.10	203.80	203.84	203.38	203.22	203.12	202.28	1977
1978	202.83	201.88	200.85	199.33	199.62R	203.18	203.07	203.22	203.84	203.82	203.05	202.56	202.18R	1978
1979	202.02	201.18	199.98	199.12	201.82	203.69	203.61	203.43	203.48	203.43	203.48	202.90	202.32	1979
1980	202.29	201.17	199.90	198.87	200.28	203.13	203.38	203.41	203.27	203.88	203.46	202.96	202.14	1980
1981	202.17	200.90R	199.52	198.43R	198.52	203.11	203.58	203.84	203.29	203.47	203.36	202.91	201.92R	1981
1982	202.14	201.17R	200.06	198.88	199.23R	202.13	203.42	203.48	203.80	203.82	203.41	203.30	202.04R	1982
1983	202.98R	202.45	201.73R	201.09R	202.88	203.37	203.58	203.82	203.85	203.83	203.61	203.21	202.86R	1983
1984	202.38	201.40R	200.44R	199.47	200.43	202.98	203.48	203.48	203.42	---	---	---	---	1984
MOYEN	202.40R	201.51R	200.48R	199.46R	199.98R	203.06R	203.46	203.51	203.52	203.59	203.48	203.06R	202.29R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 304.800 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 51 50 00 BASSIN VERSANT 4 580 km²
LONG 67 48 30 REGULARISE

DONNEES FOURNIES PAR -
QUEBEC CARTIER MINING COMPANY

R - REVISEE DEPUIS JAN 1980

MART JAUNE (RIVIERE) AU RESERVOIR PETIT MANICOUAGAN - STATION NO. 02TB001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	203.80 LE 27 OCT	199.43 LE 11 MAI	1965
1966	---	204.22 LE 18 JUL a	199.19 LE 13 MAI	1966
1967	---	203.85 LE 31 JUL	199.89 LE 9 MAI	1967
1968	---	203.87 LE 31 OCT	200.12 LE 22 AVR	1968
1969	---	203.96 LE 23 NOV	199.39 LE 9 MAI	1969
1970	---	203.80 LE 7 SEP	200.33 LE 29 AVR	1970
1971	---	203.94 LE 4 OCT	198.24 LE 30 AVR	1971
1972	---	203.94 LE 10 OCT	198.18 LE 15 MAI	1972
1973	---	203.82 LE 11 JUN	198.30 LE 1 MAI	1973
1974	---	203.82 LE 29 JUN	198.24 LE 14 MAI	1974
1975	---	203.70 LE 28 SEP	197.42 LE 7 MAI a	1975
1976	---	203.84 LE 13 SEP	198.85 LE 5 MAI	1976
1977	---	203.87 LE 2 SEP	198.48 LE 30 AVR	1977
1978	---	203.75 LE 19 JUN	198.46 LE 9 MAI	1978
1979	---	203.79 LE 8 NOV	198.85 LE 27 AVR	1979
1980	---	203.87 LE 22 OCT	198.42 LE 30 AVR	1980
1981	---	204.03 LE 6 AOU	197.42 LE 5 MAI	1981
1982	---	203.87 LE 16 SEP	198.36 LE 30 AVR	1982
1983	---	203.76 LE 28 AOU	200.86R LE 19 AVR	1983
1984	---	203.61 LE 26 JUL	199.10 LE 28 AVR	1984

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 304.800 m POUR OBTENIR LES COTES GEODESIQUES

a - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

ILES (LAC DES) - STATION NO. 02LE020

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1962	---	---	---	---	---	---	---	---	24.80	24.86	24.81	---	---	1962
1963	24.98	24.94	24.88	25.03	24.93	24.84	24.73	24.67	24.82	24.94	25.02	---	---	1963
1964	24.96	25.01	25.00	25.11	25.02	24.88	24.81	24.70	24.81	24.88	24.83	24.50	24.79	1964
1965	24.74	---	24.75	24.82	25.08	24.95	24.88	24.82	25.08	25.11	25.01	---	---	1965
1966	24.99	24.85	24.80	---	---	---	---	---	---	---	---	---	---	1966
MOYEN	24.82	24.93	24.85	25.02	25.01	24.89	24.80	24.75	24.82	24.85	24.84	24.50	24.79	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 182.880 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 29 16
LONG 75 32 35 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ILES (LAC DES) - STATION NO. 02LE020

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	25.29 LE 19 AVR *	24.41 LE 11 NOV *	1964
1965	---	---	---	1965
1966	---	---	---	1966

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 182.680 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

ILES (LAC DES) - STATION NO. 02LE022

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1962	---	---	---	---	---	---	---	---	207.66	207.72	207.77	207.82	---	1962
1963	207.85	207.85	---	207.81	---	207.71	---	207.53	207.67	207.79	207.87	---	---	1963
1964	207.80	207.85	207.85	207.94	207.88	207.75	207.69	207.60	207.53	207.43	207.39	207.47	207.68	1964
1965	207.89	207.70	207.68	207.83	207.97	207.80	207.71	207.78	207.82	207.98	207.90	207.78	207.81	1965
1966	207.89	207.74	207.69	207.90	207.88	207.90	207.69	207.67	207.68	207.40	207.48	207.83	207.72	1966
1967	207.92	207.86	207.77	208.13	207.88	207.85	207.75	207.54	207.50	207.80	207.90	207.81	207.81	1967
1968	207.78	207.77	207.82	208.06	207.75	207.80	207.84	207.74	207.60	207.40	207.31	207.34	207.68	1968
1969	207.38	207.43	207.42	207.89	207.81	207.78	207.89	207.80	207.70	207.66	207.79	207.74	207.67	1969
1970	207.81	207.53	207.51	207.75	208.04	207.90	207.89	207.73	207.65	207.72	207.87	207.94	207.76	1970
1971	207.82	207.72	207.72	207.83	208.05	207.76	207.79	207.79	207.86	207.86	207.80	207.81	207.82	1971
1972	207.85	---	---	---	---	208.08	208.01	207.88	207.89	207.88	208.18	208.14	---	1972
1973	207.74	207.98	208.12	208.15	208.08	208.02	207.96	207.96	207.84	207.85	208.09	207.87	207.99	1973
1974	207.72	207.76	207.85	208.12	208.15	208.10	208.07	208.03	207.72	207.73	207.82	207.74	207.91	1974
1975	207.67	207.88	207.68	207.88	207.88	207.84	207.80	207.80	207.82	207.83	207.94	208.19	207.89	1975
1976	---	207.91	207.88	208.13	208.11	207.92	207.89	207.81	207.85	207.95	208.10	207.99	---	1976
1977	208.04	208.15	208.00	208.05	208.04	208.00	207.96	207.92	207.98	207.83	207.95	207.98	208.02	1977
1978	207.87	207.77	207.89	207.83	207.95	207.89	207.84	207.78	207.67	207.83	207.80	---	---	1978
1979	---	---	---	208.05	207.96	207.72	207.67	207.73	207.80	207.88	---	---	---	1979
1980	---	207.67	207.84	207.96	207.75	207.64	207.69	207.72	207.68	207.88	207.90	207.85	---	1980
1981	---	207.95	207.94	208.02	207.82	207.80	207.65	207.64	207.65	207.86	207.74	207.80	---	1981
1982	---	207.77	207.76	207.87	207.83	207.89	207.63	207.52	207.53	---	207.87	207.95	---	1982
1983	---	---	---	207.91	---	---	---	---	207.53	207.67	207.77	207.65	---	1983
1984	207.48	207.42	207.50	207.82	207.75	207.70	207.78	207.71	207.70	207.63R	207.78R	207.65R	207.67R	1984
1985	207.58	207.62	207.64	207.82	207.85	207.70	207.69	207.61	207.60	---	---	---	---	1985
MOYEN	207.74	207.76	207.74	207.94	207.91	207.82	207.78	207.73	207.70	207.73R	207.80R	207.82R	207.79R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 24 32 BASSIN VERSANT 144 km²
LONG 78 37 05 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

ILES (LAC DES) - STATION NO. 02LE022

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	208.10 LE 19 AVR	207.38 LE 11 NOV	1964
1965	---	208.10 LE 24 SEP	207.83 LE 6 AVR	1965
1966	---	208.02 LE 25 AVR	207.32 LE 31 OCT	1966
1967	---	208.30 LE 22 AVR	207.47 LE 18 SEP	1967
1968	---	208.06 LE 10 AVR	207.29 LE 19 NOV *	1968
1969	---	207.88 LE 23 AVR	207.35 LE 1 JAN	1969
1970	---	208.18 LE 4 MAI	207.48 LE 5 MAR	1970
1971	---	208.21 LE 4 MAI	207.70 LE 10 AVR	1971
1972	---	---	---	1972
1973	---	208.20 LE 30 MAR	207.67 LE 22 JAN	1973
1974	---	208.24 LE 27 AVR	207.86 LE 28 JAN	1974
1975	---	208.29 LE 8 DEC	207.45 LE 7 SEP	1975
1976	---	---	---	1976
1977	---	208.59 LE 15 AVR *	207.75 LE 1 OCT	1977
1978	---	208.01 LE 3 MAI	207.57 LE 5 NOV	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	208.17 LE 20 AVR	207.37 LE 10 FEV	1984
1985	---	208.25 LE 27 AVR	207.61 LE 31 MAR	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

ILES (LAC DES) A ENTRELACS - STATION NO. 02DB020

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1967	---	---	---	---	---	28.00	28.02	28.84	28.90	28.88	28.89	28.94	---	1967
1968	26.80	26.78	26.78	26.99	26.81	26.87	26.85	26.77	26.81	26.74	26.78	26.90	26.83	1968
1969	26.88	26.79	26.74	26.93	26.96	26.91	26.92	26.89	26.80	26.74	---	26.89	---	1969
1970	---	---	26.77	26.86	27.05	28.98	---	26.93	26.88	---	26.82	26.84	---	1970
1971	26.71	26.71	26.72	26.86	26.96	26.87	26.82	26.83	26.83	26.73	26.76	26.84	26.79	1971
MOYEN	26.80	26.76	26.76	26.86	26.97	27.32	27.41	27.27	27.24	27.27	27.31	27.28	26.81	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 05 32
LONG 74 02 01 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ILES (LAC DES) A ENTRELACS - STATION NO. 02DB020

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1967	---	---	---	1967
1968	---	27.08 LE 15 AVR *	26.72 LE 19 OCT	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	27.02 LE 11 MAI	26.58 LE 12 AVR *	1971

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

ILES (LAC DES) AU PONT - STATION NO. 02LE023

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1962	---	---	---	---	---	---	---	---	24.78	24.85	24.91	24.94	---	1962
1963	24.97	24.87	---	24.88	---	24.82	---	24.84	24.78	---	24.97	---	---	1963
1964	24.81	24.87	24.98	24.81	24.97	24.85	24.80	24.70	24.84	24.63	24.49	24.65	24.77	1964
1965	24.78	24.80	24.78	24.74	24.65	24.61	24.53	24.58	24.70	24.85	24.84	24.55	24.67	1965
1966	24.69	24.50	24.46	24.57	24.63	---	---	---	---	---	---	---	---	1966
MOYEN	24.84	24.81	24.74	24.78	24.78	24.76	24.67	24.84	24.73	24.68	24.75	24.68	24.72	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 182.880 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 24 19
LONG 75 31 49 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ILES (LAC DES) AU PONT - STATION NO. 02LE023

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	25.06 LE 15 AVR *	24.47 LE 13 NOV	1964
1965	---	24.85 LE 16 AVR	24.46 LE 19 OCT	1965
1966	---	24.78 LE 31 MAI	24.34 LE 1 MAR *	1966

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 182.880 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

JACK (LAC A) - STATION NO. 02PF003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1967	---	---	---	---	---	---	33.77	33.40	---	33.68	33.43	33.21	---	1967
1968	---	---	---	33.32	33.88	33.71	33.80	33.07	32.82	33.30	---	33.34	---	1968
1969	---	33.28	---	---	33.88	---	35.01	---	---	---	---	33.42	---	1969
1970	33.37	33.39	33.38	33.40	33.73	33.68	33.44	33.89	34.18	34.78	33.43	33.43	33.85	1970
1971	33.40	33.38	33.38	33.41	34.06	34.94	35.02	35.03	35.07	34.33	33.89	33.49	34.09	1971
1972	33.47	33.46	---	33.46	33.81	35.00	35.07	34.84	34.73	34.15	33.88	33.51	---	1972
1973	33.48	33.46	---	33.55	---	---	---	---	---	34.80	33.81	---	---	1973
1974	---	---	33.48	33.48	---	35.05	35.21	35.25	35.14	34.45	---	33.87	---	1974
1975	33.55	33.48	---	---	---	---	34.71	34.84	34.50	34.70	34.05	33.71	---	1975
1976	33.64	33.63	33.65	33.78	34.51	35.03	34.95	34.94	34.68	34.17	33.87	33.78	34.22	1976
1977	---	33.73	33.73	33.78	34.23	34.81	34.77	34.50	33.67	33.62	33.52	---	---	1977
1978	---	33.45	---	33.43	33.84	34.87	34.83	34.82	34.61	33.95	33.81	33.62	---	1978
1979	33.48	33.41	33.41	33.58	34.27	34.78	---	34.81	34.73	34.34	33.65	33.64	---	1979
1980	33.47	33.41	33.41	33.47	34.19	34.70	34.82	34.71	34.74	34.50	---	33.79	---	1980
1981	33.72	33.78	33.81	34.04	34.34	34.80	34.58	34.62	34.20	33.87	33.39	33.28	34.01	1981
1982	33.21	33.18	33.18	33.23	33.77	34.08	34.80	---	---	---	---	---	---	1982
MOYEN	33.48	33.46	33.50	33.53	34.03	34.60	34.81	34.68	34.42	34.18	33.82	33.61	33.99	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 36 25
LONG 70 59 26

BASSIN VERSANT, 81.6 km^2
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

JACK (LAC A) - STATION NO 02PF003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	35.08 LE 7 OCT	33.23 LE 28 JUN *	1971
1972	---	35.14 LE 26 AOU	33.36 LE 13 FEV	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	35.23 LE 31 MAI *	33.62 LE 25 JAN	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	34.85 LE 28 JUN	33.23 LE 30 DEC	1982

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

JACQUES-CARTIER (RIVIERE) AU RESERVOIR JACQUES-CARTIER - STATION NO 02PC004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	34.98	34.04	32.90	32.07	33.03	34.70	34.75	34.81	34.70	34.77	34.87	34.94	34.22	1966
1967	35.02	34.51	33.24	31.55	32.03	34.37	34.77	34.51	34.22	34.52	34.88	34.87	34.06	1967
1968	34.98	34.81	32.40	32.64	34.80	34.22	33.71	33.97	34.01	33.95	34.12	34.41	34.07	1968
1969	34.83	34.78	33.91	32.20	33.07	34.62	34.38	34.56	34.56	34.58	34.79	34.88	34.24	1969
1970	34.88	34.68	34.46	32.93	33.21	34.48	34.69	33.26	33.27	34.63	34.75	34.88	34.18	1970
1971	34.82	34.07	32.84	31.41	32.70	34.38	34.58	34.68	33.97	34.17	34.76	34.87	33.93	1971
1972	34.99	34.47	33.02	31.52	32.03	34.03	34.50	34.22	34.38	34.49	34.22	34.57	33.87	1972
1973	34.65	34.43	33.03	31.80	33.70	34.82	34.77	34.80	34.84	34.72	34.71	34.87	34.24	1973
1974	34.81	34.31	32.81	31.64	32.49	34.46	34.84	34.80	34.45	34.82	34.76	34.84	34.07	1974
1975	34.81	33.93	32.73	31.56	32.84	34.51	34.23	34.71	34.88	34.81	34.78	34.88	34.02	1975
1976	34.82	33.43	32.14	31.73	33.46	34.68	34.82	34.63	34.40	34.51	34.82	35.02	34.03	1976
1977	34.81	33.75	32.39	31.66	33.81	34.56	34.47	34.47	34.55	34.63	34.91	34.86	34.08	1977
1978	34.70	34.17	32.68	31.45	32.60	33.65	33.73	34.07	34.14	34.61	35.00	35.05	33.82	1978
1979	34.70	33.84	32.46	31.69	33.85	34.37	34.20	33.93	33.76	33.73	34.40	35.00	33.84	1979
1980	34.90	33.84	32.18	32.01	33.70	34.47	34.68	34.42	34.58	34.75	34.82	34.90	34.12	1980
1981	34.74	34.09	33.72	33.70	34.05	34.68	34.68	34.70	34.60	34.58	34.96	34.87	34.45	1981
1982	34.63	33.48	---	---	33.61	34.56	34.68	34.21	34.84	34.74	34.98	34.97	---	1982
1983	35.00	---	---	---	34.64	34.65	34.40	34.31	---	---	---	---	---	1983
1984	34.75	---	---	31.54	33.37	34.35	34.68R	34.84R	34.37R	34.35R	34.71R	34.97R	---	1984
1985	34.71	33.17	31.48	31.34	33.70	34.04	34.58	34.59	33.88	---	---	---	---	1985
MOYEN	34.80	34.11	32.88	31.91	33.31	34.43	34.60R	34.40R	34.30R	34.53R	34.74R	34.88R	34.08	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 32 10 BASSIN VERSANT, 188 km²
LONG 71 13 27 REGULARISE

DONNEES FOURNIES PAR - DOMTAR PULP AND PAPER COMPANY

R - REVISEE DEPUIS JAN 1980

JACQUES-CARTIER (RIVIERE) AU RESERVOIR JACQUES-CARTIER - STATION NO 02PC004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	35.08 LE 1 JAN	31.81 LE 12 AVR	1966
1967	---	35.08 LE 1 JAN	31.24 LE 20 AVR	1967
1968	---	34.89 LE 1 JAN	32.00 LE 15 AVR	1968
1969	---	34.86 LE 13 NOV	31.69 LE 28 AVR	1969
1970	---	34.83 LE 1 JAN	31.84 LE 30 AVR	1970
1971	---	35.06 LE 25 AOU	31.15 LE 30 AVR	1971
1972	---	34.89 LE 1 JAN	30.91 LE 5 MAI	1972
1973	---	34.89 LE 8 JUL	31.82 LE 22 AVR	1973
1974	---	35.05 LE 4 AOU	31.35 LE 26 AVR	1974
1975	---	34.99 LE 28 JUN	31.12 LE 4 MAI	1975
1976	---	35.08 LE 16 AOU	31.42 LE 18 AVR	1976
1977	---	35.05 LE 1 JAN	31.39 LE 13 AVR	1977
1978	---	35.05 LE 18 NOV	31.24 LE 3 MAI	1978
1979	---	35.05 LE 12 DEC	30.82 LE 3 MAR *	1979
1980	---	35.86 LE 12 FEV *	31.46 LE 3 AVR	1980
1981	---	34.89 LE 16 NOV	32.82 LE 4 MAI	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	35.05 LE 21 MAI	31.08 LE 4 AVR	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

JIM (LAC A) - STATION NO. 02RE006

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	---	---	---	---	---	---	---	---	---	---	---	30.96	---	1965
1966	30.67	30.72	30.74	31.34	---	---	---	---	---	31.97	32.04	32.22	---	1966
1967	---	---	---	---	---	32.81	---	---	---	---	31.65	---	---	1967
1968	---	---	---	31.84	33.37	---	32.37	32.48	32.09	32.07	31.32	---	---	1968
1969	---	30.88	30.86	---	32.48	32.43	---	---	32.81	31.98	---	---	---	1969
1970	---	---	---	---	---	32.29	32.47	32.25	32.48	32.12	31.36	30.85	---	1970
1971	30.76	---	30.88	30.85	32.27	32.21	---	---	---	---	---	---	---	1971
1972	30.83	30.82	30.84	---	32.20	---	---	---	---	---	31.32	31.05	---	1972
1973	31.08	31.10	30.95	31.63	32.81	32.73	32.40	32.79	32.59	32.38	31.47	31.11	31.83	1973
1974	31.01	30.84	30.90	31.05	---	---	---	---	32.28	32.31	31.81	31.11	---	1974
1975	---	---	---	---	---	32.80	---	---	---	---	---	---	---	1975
1976	---	---	---	31.80	32.80	---	---	---	---	32.48	31.78	30.83	---	1976
1977	30.74	30.86	30.74	31.33	32.63	32.50	32.35	32.18	32.30	31.81	31.28	---	---	1977
1978	---	30.86	30.84	30.86	32.69	32.82	32.72	32.40	32.80	32.49	31.35	30.86	---	1978
1979	---	30.74	30.77	---	---	31.41	---	30.97	31.00	31.74	30.84	30.78	---	1979
1980	30.62	30.44	30.37	31.03	31.38	30.70	31.04	31.05	30.68	31.16	30.78	30.62	30.81	1980
1981	30.47	30.51	30.68	31.23	31.80	31.00	30.68	30.28	30.33	30.86	30.60	30.37	30.71	1981
1982	30.37	30.39	30.32	30.54	31.81	---	---	---	---	---	---	---	---	1982
MOYEN	30.73	30.72	30.71	31.17	32.31	32.12	32.00	31.80	31.88	31.92	31.31	30.97	31.15	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 59 00 BASSIN VERSANT 1 180 km²
LONG 72 44 32 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

JIM (LAC A) - STATION NO. 02RE006

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	33.33 LE 6 MAI *	30.85 LE 1 JAN	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	32.14 LE 3 MAI	30.33 LE 8 AVR	1980
1981	---	32.56 LE 18 MAI	30.06 LE 2 SEP *	1981
1982	---	---	---	1982

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

KIAMIKA (RIVIERE) AU BARRAGE KIAMIKA - STATION NO. 02LE017

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1954	---	---	---	281.95	285.59	285.95	288.89	286.27	286.83	287.74	288.50	288.17	---	1954
1955	288.17	286.59	286.05	286.78	289.57	289.81	289.78	289.35	288.67	286.80	286.22	282.84	287.46	1955
1956	280.64	279.42	279.98	280.18	283.62	284.94	284.14	284.85	285.85	286.78	287.27	287.78	283.70	1956
1957	287.89	287.27	286.33	286.69	288.39	288.96	289.89	288.81	289.90	289.88	289.92	289.91	288.75	1957
1958	289.86	289.80	289.33	288.67	289.84	289.20	289.86	289.83	289.88	289.94	289.89	289.84	289.65	1958
1959	289.86	288.17	286.56	286.01	288.12	288.99	288.49	289.81	289.94	289.90	289.97	289.88	288.86	1959
1960	288.34	287.69	286.45	287.14	289.76	289.21	289.23	289.42	289.51	289.50	289.63	289.68	288.89	1960
1961	288.46	287.10	285.89	285.78	288.31	289.30	289.84	289.87	289.85	289.78	289.76	289.83	288.66	1961
1962	288.36	286.35	287.30	286.97	289.22	288.54	287.93	287.95	288.07	287.96	288.76	288.67	287.84	1962
1963	284.32	281.98	280.27	281.43	284.89	285.56	285.81	285.79	286.36	286.85	286.93	287.13	284.81	1963
1964	288.55	288.15	287.17	286.10	287.16	288.11	288.26	288.59	288.93	288.90	288.74	287.28	287.42	1964
1965	285.87	284.85	284.88	284.44	286.28	287.52	287.74	288.18	288.08	289.83	289.90	289.82	287.40	1965
1966	289.71	288.89	287.67	287.62	289.47	289.83	289.82	289.88	289.78	289.78	289.71	289.33	289.29	1966
1967	288.54	287.71	286.82	286.62	289.20	289.88	289.92	289.80	289.10	289.47	289.98	289.88	288.92	1967
1968	289.32	288.37	286.91	287.84	289.78	289.87	289.87	289.80	289.81	289.82	289.58	288.29	289.11	1968
1969	288.34	284.39	282.03	282.39	285.30	286.55	287.23	287.80	288.07	288.44	289.00	287.85	286.30	1969
1970	285.21	283.42	283.74	283.18	286.89	288.61	289.19	289.77	289.85	289.90	289.91	289.61	287.47	1970
1971	287.92	286.34	284.78	284.67	287.59	289.13	289.48	289.66	289.83	289.51	288.13	286.51	287.81	1971
1972	284.20	282.02	280.69	281.26	285.17	287.85	289.57	289.66	289.86	289.84	289.58	288.56	286.64	1972
1973	---	---	---	288.05	289.81	290.00	289.94	289.97	289.87	289.89	289.85	289.67	---	1973
1974	---	288.51	---	---	289.97	290.14	289.95	289.81	289.43	288.48	288.77	289.15	---	1974
1975	---	---	---	---	287.06	288.16	288.39	288.12	287.95	288.21	288.47	288.12	---	1975
1976	287.54	---	---	287.88	289.92	289.96	289.97	289.88	289.85	289.83	289.23	---	---	1976
1977	---	---	---	284.48	287.33	287.76	287.84	---	287.78	287.47	---	---	---	1977
1978	286.08	285.55	284.50	283.95	286.71	287.82	287.88	287.71	287.51	286.60	286.53	284.28	286.16	1978
1979	282.81	---	---	283.10	---	---	---	287.36	286.98	287.23	287.85	288.51	---	1979
1980	---	286.95	285.50	286.17	287.50	287.89	---	---	---	287.32	288.59	289.00	---	1980
1981	288.18	286.94	287.85	289.53	289.95	289.92	289.78	289.09	288.13	288.80	286.44	285.95	288.20	1981
1982	284.49	282.78	282.57	283.59	286.71	287.29	287.43	286.78	286.34	286.40	286.28	---	---	1982
1983	---	287.38	286.65	287.10	288.60	289.94	289.76	288.81	287.45	286.91	286.14	285.39	---	1983
1984	284.49	283.52	283.70	285.08	287.15	288.29	288.95	289.68	---	---	288.08R	287.50R	---	1984
1985	---	---	---	284.43	287.59	288.22	288.85	288.72	288.18	---	---	---	---	1985
MOYEN	286.87	286.01	285.02	285.28	287.86	288.49	288.70	288.73	288.61	288.52	288.47R	288.12R	287.67	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 38 00
LONG 75 08 00

BASSIN VERSANT 704 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

KIAMIKA (RIVIERE) AU BARRAGE KIAMIKA - STATION NO 02LE017

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1954	---	---	---	1954
1955	---	288.85 LE 22 JUIL	287.39 LE 28 AOU *	1955
1956	---	287.91 LE 28 DEC	278.78 LE 1 AVR	1956
1957	---	270.01 LE 12 JUL	266.12 LE 19 MAR	1957
1958	---	270.81 LE 3 JUL *	268.13 LE 9 AVR	1958
1959	---	270.08 LE 5 SEP	280.75 LE 5 OCT	1959
1960	---	270.00 LE 17 MAI	286.13 LE 31 MAR	1960
1961	---	270.01 LE 22 JUL	285.27 LE 4 AVR	1961
1962	---	289.89 LE 1 JAN	285.23 LE 31 DEC	1962
1963	---	287.21 LE 4 DEC	279.72 LE 1 AVR	1963
1964	---	270.44 LE 11 FEV	284.31 LE 11 AVR	1964
1965	---	289.98 LE 16 OCT	283.90 LE 13 AVR	1965
1966	---	289.94 LE 15 AOU	287.11 LE 26 MAR	1966
1967	---	270.01 LE 5 NOV	285.98 LE 7 AVR	1967
1968	---	288.81 LE 13 JUN	286.18 LE 29 MAR	1968
1969	---	289.22 LE 18 NOV	281.25 LE 27 MAR	1969
1970	---	289.95 LE 23 NOV	282.85 LE 15 AVR	1970
1971	---	289.92 LE 27 SEP	284.32 LE 13 AVR	1971
1972	---	270.10 LE 24 JUL	280.44 LE 14 MAR	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	287.79 LE 29 JUN	283.43 LE 11 AVR	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	270.15 LE 18 MAI	285.42 LE 31 DEC	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

KIPAWA (LAC) AU BARRAGE DE KIPAWA - STATION NO 02JE017

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1954	267.95	267.83	267.87	268.21	269.47	269.74	269.74	269.75	269.73	269.78	269.75	269.74	269.14	1954
1955	269.67	269.35	268.83	268.05	269.37	269.70	269.70	269.59	269.40	269.33	269.72	269.69	269.35	1955
1956	269.62	269.22	268.54	268.15	269.10	269.67	269.66	269.55	269.67	269.71	269.66	---	---	1956
1957	269.52	269.06	268.43	268.28	269.46	269.45	269.69	269.61	269.66	269.62	269.71	269.68	269.35	1957
1958	269.64	269.49	269.06	268.55	269.17	269.67	269.68	---	269.57	269.65	269.67	269.61	---	1958
1959	269.55	269.36	268.83	268.33	269.49	269.65	269.64	269.54	269.65	269.66	269.69	269.68	269.42	1959
1960	269.49	---	268.68	268.28	269.73	269.70	269.70	269.62	269.65	269.63	269.62	269.61	---	1960
1961	269.49	269.31	269.10	269.04	269.65	269.70	269.67	269.70	269.72	269.64	269.67	269.68	269.53	1961
1962	---	---	---	---	---	---	---	---	269.30	268.93	268.57	268.32	---	1962
1963	268.17	267.98	267.78	268.09	---	269.94	269.82	269.84	---	269.82	269.69	269.78	---	1963
1964	269.77	269.60	268.95	268.53	269.64	269.93	269.89	269.76	269.53	269.25	268.97	268.75	269.39	1964
1965	268.63	268.48	268.32	268.13	269.24	269.87	269.89	269.81	269.90	269.87	269.81	269.78	269.33	1965
1966	269.82	269.48	268.80	268.50	269.78	269.87	269.87	269.90	269.84	269.80	269.93	269.88	269.63	1966
1967	269.60	269.14	268.61	268.53	269.62	269.91	269.80	269.77	269.50	269.40	269.77	269.84	269.45	1967
1968	269.46	269.19	268.77	268.74	269.50	269.89	269.82	269.78	269.70	269.52	269.27	269.05	269.39	1968
1969	268.91	268.71	268.51	268.22	269.35	---	269.82	269.68	269.67	269.56	269.80	269.87	---	1969
1970	269.43	269.13	268.49	267.94	269.20	269.68	269.65	269.53	269.54	269.62	269.40	269.26	269.24	1970
1971	269.09	268.61	268.12	---	268.88	---	---	---	269.23	269.12	269.02	269.04	---	1971
1972	269.02	268.58	268.07	267.70	268.93	269.52	269.61	269.72	269.65	269.50	269.54	269.13	269.08	1972
1973	---	---	267.86	---	---	269.61	269.68	269.78	269.72	269.63	269.50	268.80	---	1973
1974	268.42	268.20	267.86	267.69	268.35	269.74	269.61	269.64	269.44	269.38	269.51	269.20	269.01	1974
1975	268.62	268.13	267.51	267.49	268.95	269.55	269.47	269.51	269.34	269.27	269.31	---	---	1975
1976	268.86	268.48	267.91	268.04	269.34	269.68	269.67	269.54	269.48	269.35	269.23	268.95	269.05	1976
1977	268.71	268.25	267.78	267.80	269.24	269.70	269.70	269.75	269.74	269.76	269.60	269.21	269.12	1977
1978	268.72	268.27	267.85	267.65	268.82	269.60	269.64	269.66	269.58	269.67	269.34	268.99	268.98	1978
1979	268.74	268.32	267.83	267.84	269.65	269.57	269.61	269.67	269.67	269.64	269.66	269.53	269.16	1979
1980	268.93	268.25	---	268.44	269.52	269.80	269.67	269.59	269.68	269.65	269.27	268.85	---	1980
1981	268.33	267.92	267.94	269.10	269.61	269.65	269.65	269.59	269.59	269.66	269.32	268.89	269.09	1981
1982	268.18	---	---	---	268.98	269.71	---	---	---	---	---	---	---	1982
MOYEN	269.05	268.73	268.31	268.23	269.35	269.70	269.70	269.58	269.60	269.55	269.50	269.33	269.26	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 02 30 LONG 79 18 12

BASSIN VERSANT 5 980 km²
REGULARISE

DONNEES FOURNIES PAR - HYDRO-QUEBEC

KIPAWA (LAC) AU BARRAGE DE KIPAWA - STATION NO 02JE017

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1954	---	269.84 LE 4 JUN	267.80 LE 17 FEV	1954
1955	---	269.75 LE 24 JUN	267.80 LE 10 AVR	1955
1956	---	---	---	1956
1957	---	269.78 LE 8 JUL	268.16 LE 2 AVR	1957
1958	---	---	---	1958
1959	---	269.75 LE 6 NOV	268.16 LE 16 AVR	1959
1960	---	---	---	1960
1961	---	269.81 LE 27 SEP	268.93 LE 7 AVR	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	269.98 LE 11 JUN	268.41 LE 15 AVR	1964
1965	---	269.89 LE 23 SEP	268.10 LE 13 AVR	1965
1966	---	270.07 LE 29 NOV *	268.38 LE 15 AVR	1966
1967	---	270.00 LE 15 JUN	268.28 LE 5 AVR	1967
1968	---	269.87 LE 20 JUN	268.43 LE 4 AVR	1968
1969	---	---	---	1969
1970	---	269.84 LE 4 JUN	267.77 LE 18 AVR	1970
1971	---	---	---	1971
1972	---	269.86 LE 10 SEP	267.82 LE 18 AVR	1972
1973	---	---	---	1973
1974*	---	269.92 LE 2 JUN	267.35 LE 21 AVR *	1974
1975	---	---	---	1975
1976	---	269.74 LE 20 JUN	267.72 LE 25 MAR	1976
1977	---	269.79 LE 3 AOU	267.69 LE 18 MAR	1977
1978	---	269.76 LE 4 OCT	267.59 LE 14 AVR	1978
1979	---	269.90 LE 22 MAI	267.72 LE 23 MAR	1979
1980	---	---	---	1980
1981	---	269.78 LE 21 OCT	267.84 LE 21 FEV	1981
1982	---	---	---	1982

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

KIPAWA (LAC) AU BARRAGE DE KIPAWA - STATION NO 02JE005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1972	269.05	268.55	267.97	267.85	269.01	269.56	269.67	269.75	269.58	269.56	269.64	269.18	269.10	1972
1973	268.64	268.07	267.87	268.34	269.40	269.68	269.68	269.77	269.76	269.68	269.50	268.81	269.10	1973
1974	268.42	268.17	267.87	267.77	269.42	269.75	269.60	269.61	269.41	269.37	269.52	269.17	269.01	1974
1975	268.60	268.09	267.53	267.67	269.05	269.55	269.48	269.51	269.35	269.27	269.32	269.29	268.90	1975
1976	268.84	268.46	267.87	268.09	269.39	269.71	269.69	269.56	269.46	269.35	269.22	268.94	269.05	1976
1977	268.68	268.23	267.74	267.87	269.25	269.71	269.70	269.75	269.74	269.77	269.61	269.22	269.11	1977
1978	268.72	268.26	267.85	267.84	268.81	269.61	269.65	269.68	269.59	269.69	269.38	269.02	269.00	1978
1979	268.76	268.35	267.86	267.92	269.69	269.60	269.66	269.71	269.69	269.63	269.64	269.50	269.17	1979
1980	268.91	268.26	267.77	268.44	269.55	269.61	269.58	269.62	269.72	269.68	269.29	268.85	269.12	1980
1981	268.33	267.81	267.82	269.08	269.60	269.65	269.66	269.59	269.60	269.67	269.33	268.69	269.09	1981
1982	268.18	267.79	267.58	267.72	269.00	269.74	269.58	269.45	269.55	269.67	269.51	269.23	268.93	1982
1983	268.98	268.26	267.68	268.06	269.42	269.61	269.67	269.61	269.57	269.68	269.37	269.00	269.08	1983
1984	268.70	268.34	267.77	268.02	269.44	269.59	269.60	269.63	269.60	269.70	269.65	269.25	269.11	1984
1985	268.73	268.13	267.76	268.10	269.58	269.55	269.60	269.59	269.56	269.50	269.40	269.08	269.05	1985
1986	268.44	268.01	267.74	268.07	269.16	269.61	269.82	269.82	269.56	269.61	---	---	---	1986
MOYEN	268.66	268.19	267.79	268.03	269.32	269.64	269.64	269.63	269.58	269.59	269.46	269.08	269.08	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 46 55 BASSIN VERSANT 5 960 km²
LONG 78 58 08 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

KIPAWA (LAC) AU BARRAGE DE KIPAWA - STATION NO 02JE005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1972	---	269.84 LE 25 AOU	267.59 LE 16 AVR	1972
1973	---	269.85 LE 25 JUN	267.81 LE 29 MAR	1973
1974	---	269.92 LE 8 JUN	267.58 LE 10 AVR	1974
1975	---	269.77 LE 30 MAI	267.42 LE 14 MAR *	1975
1976	---	269.77 LE 15 JUN	267.72 LE 24 MAR	1976
1977	---	269.81 LE 26 OCT	267.54 LE 27 MAR	1977
1978	---	269.78 LE 4 OCT	267.59 LE 18 AVR	1978
1979	---	269.94 LE 21 MAI *	267.85 LE 12 AVR	1979
1980	---	269.85 LE 8 OCT	267.68 LE 20 MAR	1980
1981	---	269.78 LE 22 OCT	267.82 LE 22 FEV	1981
1982	---	269.77 LE 5 JUN	267.54 LE 30 MAR	1982
1983	---	269.76 LE 13 JUL	267.59 LE 17 MAR	1983
1984	---	269.78 LE 20 OCT	267.58 LE 29 MAR	1984
1985	---	269.78 LE 19 MAI	267.85 LE 25 MAR	1985
1986	---	269.71 LE 7 AOU	267.68 LE 24 MAR	1986

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

L'ASSOMPTION (RIVIERE) A CHARLEMAGNE - STATION NO. 020DC04

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1917	---	---	---	---	6.91	6.84	6.31	5.90	5.40	5.42	5.58	7.21	---	1917
1918	7.64	7.28	7.83	8.25	6.72	6.10	5.83	5.32	5.41	5.62	6.29	6.06	6.55	1918
1919	8.47	8.04	8.33	---	7.88	7.01	6.83	6.42	6.35	6.65	6.88	8.85	---	1919
1920	7.58	7.25	7.81	7.86	6.45	5.86	5.37	5.13	5.01	4.95	5.04	5.79	6.14	1920
1921	8.08	7.49	8.04	8.93	8.57	6.58	6.20	5.01	4.81	4.85	5.05	5.86	6.13	1921
1922	7.22	7.12	7.32	7.87	7.04	6.08	5.87	---	5.07	5.24	5.14	5.80	---	1922
1923	6.96	6.58	6.54	7.83	7.85	6.46	5.67	5.33	5.29	4.79	4.86	5.21	6.09	1923
1924	7.79	7.38	7.83	7.97	7.56	6.41	5.56	5.27	5.23	5.42	5.05	5.31	6.45	1924
1925	6.54	7.03	7.88	7.30	---	5.99	5.50	5.19	4.84	4.88	5.18	5.81	---	1925
1926	7.44	6.74	6.57	7.84	7.03	6.26	5.64	5.17	4.82	4.99	5.73	7.26	6.26	1926
1927	7.77	7.34	8.16	8.46	8.11	6.06	5.80	5.53	5.07	5.10	5.12	6.26	6.31	1927
1928	8.51	8.51	8.34	9.18	8.15	6.84	6.12	5.77	5.62	5.16	5.28	5.79	7.11	1928
1929	8.03	8.32	8.77	8.08	8.06	6.74	6.20	5.87	5.45	5.36	5.45	7.05	6.83	1929
1930	7.84	7.35	7.49	7.08	6.71	6.52	6.48	5.76	5.37	5.24	5.01	5.48	6.37	1930
1931	7.24	7.11	6.42	6.73	6.70	6.44	6.07	4.86	4.88	4.79	4.91	5.07	5.80	1931
1932	6.90	7.70	7.05	7.32	6.20	6.62	6.46	6.46	6.74	6.84	6.28	6.68	6.27	1932
1933	7.05	6.61	6.20	7.46	7.04	6.84	6.28	6.15	4.93	4.74	4.65	6.84	5.90	1933
1934	6.29	6.86	6.16	7.66	6.83	6.70	6.17	4.86	4.68	4.68	4.68	5.90	5.86	1934
1935	6.63	6.32	6.47	6.37	6.79	6.33	6.37	6.03	4.84	4.70	4.83	6.26	6.57	1935
1936	6.24	6.66	---	6.61	7.34	6.26	6.21	4.87	4.87	6.18	6.46	6.84	---	1936
1937	7.41	7.06	6.81	7.38	6.82	6.83	6.39	6.32	6.14	6.11	6.67	6.85	6.16	1937
1938	7.33	7.18	7.23	7.43	6.89	6.71	6.22	6.28	6.26	6.18	4.87	6.02	6.03	1938
1939	6.74	6.26	6.28	7.33	7.14	6.03	6.64	6.64	6.06	6.03	6.04	6.66	6.87	1939
1940	6.82	6.34	6.96	6.74	6.44	6.40	6.77	6.16	6.18	4.83	6.06	6.82	6.87	1940
1941	6.86	6.62	6.36	6.86	6.82	6.23	---	6.06	6.00	6.20	6.61	6.66	---	1941
1942	7.33	6.86	7.00	7.00	6.36	6.96	6.38	6.27	6.17	6.08	6.29	6.13	6.06	1942
1943	7.22	7.07	7.22	7.61	8.02	7.04	6.21	6.88	6.73	6.60	6.60	6.94	6.71	1943
1944	7.92	7.33	8.88	6.47	6.36	6.61	6.49	6.36	6.29	6.25	6.14	6.86	6.08	1944
1945	6.88	6.76	7.44	6.81	6.81	6.46	6.77	6.64	6.69	6.99	6.87	6.67	6.36	1945
1946	8.33	7.63	7.69	6.40	6.10	6.96	6.60	6.40	6.26	6.36	6.63	6.88	6.24	1946
1947	7.76	7.46	7.06	7.81	8.29	8.26	6.71	6.08	6.73	6.63	6.41	6.64	6.80	1947
1948	7.61	6.96	7.29	6.83	6.36	6.96	6.63	6.63	6.31	6.16	6.16	6.19	6.07	1948
1949	6.77	7.76	7.00	7.06	6.35	6.66	6.61	6.16	6.06	6.94	6.90	6.06	6.02	1949
1950	7.01	7.26	6.74	7.60	6.21	6.81	6.60	6.37	6.31	6.13	6.42	6.62	6.09	1950
1951	6.60	7.86	7.76	6.64	7.04	6.91	6.04	6.66	6.64	6.66	6.10	6.34	6.74	1951
1952	6.64	6.16	7.33	7.77	7.12	6.64	6.67	6.66	6.66	6.66	6.37	6.73	6.63	1952
1953	7.66	6.02	7.47	7.21	6.41	6.71	6.66	6.44	6.26	6.17	6.66	6.02	6.17	1953
1954	7.12	7.03	6.86	7.46	6.60	6.26	6.76	6.46	6.60	6.06	6.03	6.66	6.36	1954
1955	6.16	7.70	7.64	6.13	6.47	6.72	6.41	6.36	6.21	6.26	6.33	6.76	6.16	1955
1956	6.01	6.66	6.46	6.61	6.63	6.17	6.66	6.62	6.66	6.66	6.24	6.37	6.13	1956
1957	7.67	7.36	6.60	6.66	6.66	6.36	6.66	6.33	6.14	6.06	6.44	6.21	6.66	1957
1958	7.39	7.70	6.90	6.63	6.67	6.19	6.22	6.66	6.10	6.07	6.06	6.66	6.94	1958
1959	6.44	6.63	6.26	6.97	6.04	6.67	6.13	---	6.66	6.66	6.26	6.63	---	1959
1960	7.76	---	---	7.76	7.40	6.06	6.06	6.66	6.06	6.70	---	---	---	1960
1961	---	6.70	6.26	6.26	6.06	6.60	6.66	6.33	6.26	6.17	6.97	6.17	---	1961
1962	6.77	6.60	6.06	6.36	6.66	6.96	6.62	6.66	6.72	---	---	---	---	1962
MOYEN	7.36	7.14	7.11	7.24	6.72	6.04	6.64	6.36	6.21	6.23	6.36	6.94	6.32	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 45 43 03
LONG 73 25 02 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

L'ASSOMPTION (RIVIERE) A CHARLEMAGNE - STATION NO. 020B004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1917	---	---	---	1917
1918	---	10.18 LE 5 AVR	5.12 LE 21 AOU	1918
1919	---	---	---	1919
1920	---	9.80 LE 30 MAR	4.66 LE 23 OCT	1920
1921	---	9.20 LE 23 MAR	4.63 LE 18 SEP	1921
1922	---	---	---	1922
1923	---	8.69 LE 13 AVR	4.57 LE 20 OCT	1923
1924	---	9.75 LE 11 AVR	4.85 LE 6 NOV	1924
1925	---	---	---	1925
1926	---	9.33 LE 26 AVR	4.72 LE 17 OCT	1926
1927	---	9.42 LE 21 MAR	4.91 LE 25 SEP	1927
1928	---	11.13 LE 11 AVR *	5.33 LE 9 SEP	1928
1929	---	9.88 LE 24 MAR	5.09 LE 1 DEC	1929
1930	---	8.47 LE 10 JAN	4.63 LE 3 DEC	1930
1931	---	7.99 LE 13 JAN	4.72 LE 22 SEP	1931
1932	---	8.93 LE 13 AVR	5.30 LE 30 JUN	1932
1933	---	8.14 LE 11 AVR	4.42 LE 13 NOV	1933
1934	---	9.02 LE 14 AVR	4.30 LE 30 OCT	1934
1935	---	6.95 LE 8 JAN	4.45 LE 22 OCT	1935
1936	---	---	---	1936
1937	---	8.96 LE 9 AVR	4.85 LE 18 OCT	1937
1938	---	8.78 LE 29 MAR	4.75 LE 2 DEC	1938
1939	---	9.20 LE 24 AVR	4.82 LE 25 SEP	1939
1940	---	7.47 LE 21 DEC	4.75 LE 14 OCT	1940
1941	---	---	---	1941
1942	---	7.80 LE 25 DEC	4.88 LE 21 OCT	1942
1943	---	8.69 LE 27 DEC	5.39 LE 7 DEC	1943
1944	---	8.44 LE 1 JAN	4.94 LE 7 DEC	1944
1945	---	8.87 LE 27 DEC	5.36 LE 18 SEP	1945
1946	---	8.93 LE 12 JAN	5.12 LE 4 DEC	1946
1947	---	8.87 LE 13 AVR	5.18 LE 23 NOV	1947
1948	---	8.78 LE 29 MAR	4.91 LE 11 NOV	1948
1949	---	8.20 LE 31 MAR	4.72 LE 1 NOV	1949
1950	---	8.14 LE 8 AVR	4.97 LE 5 OCT	1950
1951	---	10.00 LE 3 AVR	5.36 LE 28 SEP	1951
1952	---	9.51 LE 13 JAN	5.18 LE 13 NOV	1952
1953	---	8.90 LE 19 JAN	4.85 LE 5 DEC	1953
1954	---	8.14 LE 16 JAN	5.03 LE 1 JAN	1954
1955	---	8.50 LE 1 AVR	3.59 LE 1 NOV *	1955
1956	---	8.56 LE 5 JAN	5.05 LE 14 NOV	1956
1957	---	9.93 LE 3 JAN	4.87 LE 21 AOU	1957
1958	---	9.56 LE 26 JAN	4.71 LE 20 AOU	1958
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	7.74 LE 21 JAN	4.53 LE 9 SEP	1962

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

L'ASSOMPTION (RIVIERE) A L'ASSOMPTION - STATION NO 020B005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1922	---	---	---	---	---	---	---	---	---	5.74	---	6.69	---	1922
1923	6.93	6.38	6.57	---	8.23	6.85	6.03	6.10	6.07	6.16	6.47	7.06	---	1923
1924	---	6.91	7.26	8.00	8.89	6.68	6.21	5.95	5.98	6.86	6.36	---	---	1924
1925	6.77	7.06	8.21	8.22	7.12	6.60	6.18	5.98	5.78	5.71	6.45	---	---	1925
1926	6.04	5.87	---	7.92	7.84	6.56	6.43	6.01	6.09	6.21	7.15	---	---	1926
1927	7.46	6.99	8.18	7.74	7.23	7.05	6.76	6.04	5.83	6.25	7.58	7.71	7.07	1927
1928	8.23	8.28	8.24	9.80	9.14	7.18	6.41	6.16	6.27	6.90	6.93	6.99	7.54	1928
1929	7.49	7.28	8.41	8.96	8.67	---	6.58	6.11	6.04	6.13	6.40	7.40	---	1929
1930	8.04	7.46	7.68	8.48	7.85	6.86	6.66	6.03	5.86	5.78	5.88	6.21	6.88	1930
1931	7.21	7.02	6.67	7.75	8.76	6.47	6.03	5.80	5.82	5.89	6.21	6.30	6.49	1931
1932	7.01	7.88	---	8.64	7.09	6.23	5.92	6.03	6.15	6.86	7.26	7.43	---	1932
1933	7.36	7.40	6.91	8.97	7.82	6.31	5.99	6.23	5.88	5.84	6.17	6.63	6.79	1933
1934	6.65	6.26	6.74	9.35	7.90	6.80	6.14	5.77	5.80	5.81	6.02	6.90	6.66	1934
1935	6.57	6.33	---	8.28	7.03	6.80	---	5.87	6.17	6.04	6.47	6.61	---	1935
1936	6.59	6.56	---	7.85	8.08	6.80	5.84	5.77	6.15	5.80	6.82	6.66	---	1936
1937	7.85	7.13	6.97	8.90	7.82	6.16	5.77	5.82	5.82	6.07	7.01	6.96	6.80	1937
1938	6.77	6.46	7.22	8.48	7.02	6.06	6.06	5.91	5.86	6.32	6.20	6.52	6.62	1938
1939	6.94	6.63	6.41	8.15	8.23	6.40	6.40	6.56	5.85	6.03	6.02	6.11	6.65	1939
1940	6.78	6.53	6.15	8.03	7.61	6.77	6.00	5.54	5.34	5.28	5.73	7.01	6.40	1940
1941	7.10	6.95	6.29	7.87	8.13	6.87	5.80	5.80	5.93	6.06	6.86	6.47	6.45	1941
1942	7.28	7.19	7.62	8.68	7.32	6.31	6.10	5.94	6.01	6.15	7.01	7.07	6.89	1942
1943	7.23	7.30	7.53	8.89	8.33	7.47	6.52	6.15	6.12	6.27	7.01	7.60	7.27	1943
1944	8.09	7.54	7.05	7.83	7.48	6.17	6.12	6.02	6.03	5.98	5.93	6.56	6.73	1944
1945	7.01	6.84	8.03	8.12	7.70	6.87	6.36	6.06	6.52	7.21	7.20	7.63	7.13	1945
1946	8.82	7.95	8.63	7.58	7.37	6.74	6.27	6.32	6.23	6.81	6.94	7.59	7.27	1946
1947	8.04	7.76	7.56	8.85	8.18	8.49	7.20	6.32	6.19	6.13	6.26	6.25	7.35	1947
1948	7.80	7.13	7.82	8.04	7.02	6.31	6.01	5.90	5.82	5.84	6.03	6.21	6.64	1948
1949	7.02	7.90	7.40	8.82	7.02	6.26	6.08	5.83	5.84	6.08	6.33	6.82	6.78	1949
1950	8.02	7.61	7.15	8.87	7.26	6.70	6.17	5.97	5.92	5.97	6.77	7.01	6.94	1950
1951	8.58	7.98	8.03	8.85	7.57	6.51	6.45	5.98	6.00	6.06	7.03	7.43	7.29	1951
1952	8.46	8.47	7.66	8.24	8.16	6.96	6.31	6.41	6.01	6.52	6.42	7.32	7.32	1952
1953	8.16	8.32	8.45	8.12	6.93	6.45	5.95	5.82	5.91	5.95	6.00	6.37	6.86	1953
1954	7.43	7.46	7.28	8.90	7.54	6.81	6.18	6.01	6.24	---	---	---	---	1954
MOYEN	7.40	7.21	7.43	8.53	7.89	6.64	6.23	6.01	6.00	6.17	6.55	6.88	6.91	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 48 31
LONG 73 25 23 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

L'ASSOMPTION (RIVIERE) A L'ASSOMPTION - STATION NO. 020B006

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1922	---	---	---	1922
1923	---	---	---	1923
1924	---	---	---	1924
1925	---	---	---	1925
1926	---	---	---	1926
1927	---	10.48 LE 18 NOV	5.67 LE 16 SEP	1927
1928	---	11.86 LE 10 AVR *	5.07 LE 10 SEP *	1928
1929	---	---	---	1929
1930	---	10.39 LE 8 AVR	5.70 LE 5 OCT	1930
1931	---	9.05 LE 1 AVR	5.84 LE 5 SEP	1931
1932	---	---	---	1932
1933	---	11.22 LE 10 AVR	5.73 LE 16 SEP	1933
1934	---	11.31 LE 12 AVR	5.85 LE 3 SEP	1934
1935	---	---	---	1935
1936	---	---	---	1936
1937	---	10.27 LE 17 AVR	5.30 LE 5 SEP	1937
1938	---	9.81 LE 26 MAR	5.81 LE 24 JUN	1938
1939	---	11.70 LE 24 AVR	5.58 LE 30 NOV	1939
1940	---	10.70 LE 18 AVR	5.06 LE 14 OCT	1940
1941	---	8.56 LE 18 AVR	5.46 LE 15 MAR	1941
1942	---	8.78 LE 26 AVR	5.78 LE 8 SEP	1942
1943	---	10.45 LE 13 MAI	5.82 LE 4 AOU	1943
1944	---	9.17 LE 25 AVR	5.79 LE 27 AOU	1944
1945	---	10.97 LE 1 AVR	5.88 LE 25 AOU	1945
1946	---	10.21 LE 27 MAR	6.10 LE 1 AOU	1946
1947	---	11.00 LE 11 AVR	5.88 LE 29 OCT	1947
1948	---	9.42 LE 25 MAR	5.73 LE 28 SEP	1948
1949	---	9.85 LE 4 AVR	5.76 LE 9 AOU	1949
1950	---	9.75 LE 5 AVR	5.73 LE 3 OCT	1950
1951	---	11.43 LE 5 AVR	5.91 LE 16 AOU	1951
1952	---	10.09 LE 11 AVR	0.58 LE 11 SEP *	1952
1953	---	11.64 LE 27 MAR	5.76 LE 23 AOU	1953
1954	---	10.82 LE 17 AVR	5.81 LE 28 AOU	1954

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LA SARRE (RIVIERE) PRES DE LA SARRE - STATION NO 04MA003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1926	---	---	---	---	---	---	---	---	---	20.31	---	---	---	1926
1927	---	---	---	---	---	21.17	21.05	21.11	21.14	21.23	21.18	21.00	---	1927
1928	20.65	20.14	20.04	---	21.12	21.32	21.36	20.99	21.31	21.48	21.38	21.22	---	1928
1929	20.91	20.54	20.18	20.23	20.58	21.34	21.47	21.08	21.03	21.30	21.53	21.21	20.95	1929
1930	20.88	20.55	20.25	20.36	20.88	21.30	21.32	21.11	20.89	20.89	20.55	20.43	20.77	1930
1931	20.21	20.00	19.96	20.12	20.31	20.54	20.36	20.18	20.03	20.17	20.85	20.93	20.29	1931
1932	20.75	20.50	20.18	20.34	20.26	20.44	20.61	20.87	21.20	21.44	21.39	21.18	20.78	1932
1933	20.85	20.46	20.25	20.58	20.90	21.22	20.91	20.61	20.37	20.22	20.14	20.08	20.55	1933
1934	20.01	19.82	19.85	20.42	21.18	21.43	21.37	21.09	20.99	21.34	21.44	21.48	20.89	1934
1935	21.21	20.82	20.38	20.30	20.84	20.82	20.75	20.51	20.30	20.18	20.33	20.24	20.56	1935
1936	20.09	20.02	20.20	20.36	21.09	21.43	21.25	20.95	20.65	20.59	20.65	20.56	20.66	1936
1937	20.41	20.22	20.30	20.58	21.21	21.36	21.26	21.22	20.95	21.08	21.31	21.26	20.94	1937
1938	21.03	20.71	20.40	20.75	21.24	21.30	21.18	21.31	21.23	21.14	21.18	21.17	21.06	1938
1939	21.05	20.88	20.57	20.27	21.18	21.39	21.52	21.23	21.10	21.05	21.26	21.08	21.05	1939
1940	---	20.38	20.08	20.04	20.89	21.46	21.38	21.07	21.14	21.10	21.11	21.03	---	1940
1941	20.83	20.60	20.45	20.81	21.28	21.20	21.16	21.04	21.32	21.42	21.42	21.39	21.08	1941
1942	21.28	20.89	20.62	21.20	21.46	21.37	21.14	20.95	20.86	21.27	2..30	21.19	21.13	1942
1943	21.06	20.75	20.45	20.35	21.10	21.45	21.38	21.21	21.06	20.98	20.89	20.86	20.96	1943
1944	20.81	20.81	20.44	20.48	21.36	21.43	21.18	21.24	21.28	21.43	21.37	21.28	21.08	1944
1945	21.12	20.81	20.78	21.36	21.54	21.60	21.52	21.38	21.28	21.30	21.45	21.38	21.29	1945
1946	21.22	20.96	20.77	20.86	21.43	21.50	21.35	21.07	20.96	20.84	20.85	20.82	21.05	1946
1947	20.58	20.56	20.41	20.36	21.22	21.74	21.46	21.20	21.07	21.00	20.78	20.86	20.93	1947
1948	20.42	20.15	20.08	20.36	21.18	21.41	21.28	21.08	20.91	20.53	20.85	20.45	20.70	1948
1949	20.33	20.23	20.21	20.54	21.27	21.53	21.57	21.27	21.07	20.91	20.77	20.68	20.87	1949
1950	20.44	20.28	20.25	20.55	21.00	21.53	21.54	21.30	21.06	20.97	21.10	21.27	20.95	1950
1951	21.15	20.78	20.52	20.67	21.45	21.46	21.45	21.19	20.95	20.90	21.21	21.42	21.12	1951
1952	21.34	21.08	20.88	20.72	21.48	21.60	21.52	21.53	21.33	21.20	21.20	21.38	21.26	1952
1953	21.24	20.95	20.64	21.18	21.46	21.39	---	20.85	20.78	20.91	20.82	20.99	---	1953
1954	20.73	20.53	---	20.62	21.20	21.49	21.50	21.45	21.27	21.57	21.55	21.41	---	1954
1955	21.19	20.95	20.81	20.91	21.23	21.12	20.89	20.59	20.48	20.58	20.76	20.77	20.86	1955
1956	20.80	20.50	20.42	20.57	21.15	21.51	21.40	21.26	21.06	21.05	20.91	20.84	20.94	1956
1957	20.78	20.73	20.67	20.74	21.01	21.10	21.67	21.33	21.13	20.99	21.01	21.12	21.03	1957
1958	21.09	21.02	20.89	20.64	20.81	21.23	21.42	21.30	21.39	21.40	21.39	21.32	21.16	1958
1959	21.22	21.02	20.83	20.77	21.20	21.44	21.22	20.93	20.87	20.93	21.20	21.14	21.06	1959
1960	20.88	20.58	---	20.55	21.77	21.62	21.58	---	21.31	21.18	21.18	21.15	---	1960
1961	21.00	20.53	20.37	20.51	20.94	21.28	21.28	21.09	21.29	21.30	21.50	21.53	21.05	1961
1962	21.31	20.83	20.35	20.38	21.23	21.46	21.13	21.04	21.22	21.11	20.81	20.57	20.95	1962
1963	20.39	20.22	20.13	20.37	20.80	20.75	20.89	20.72	20.62	20.44	20.29	20.35	20.48	1963
1964	20.20	20.20	20.28	20.84	21.32	21.61	21.26	20.83	20.76	20.94	20.89	20.67	20.81	1964
1965	20.38	20.25	20.30	20.51	20.87	21.40	21.21	21.05	21.16	21.57	21.38	21.04	20.94	1965
1966	20.72	20.40	20.21	20.46	20.95	21.37	21.26	21.04	20.90	21.20	21.50	21.58	20.97	1966
1967	21.29	20.78	20.33	20.71	21.68	21.48	21.26	21.14	20.93	20.98	21.29	21.17	21.09	1967
1968	20.81	20.44	20.30	20.74	21.25	21.20	21.37	21.27	21.12	21.17	21.11	20.83	20.97	1968
1969	20.85	20.30	20.23	20.62	21.24	21.56	21.41	21.41	21.46	21.58	21.58	21.46	21.11	1969
1970	21.11	20.70	20.25	20.36	20.70	21.29	21.32	21.16	21.00	20.90	20.71	20.58	20.84	1970
1971	20.39	20.17	20.20	20.38	20.78	20.82	20.64	20.43	20.46	20.48	20.57	20.58	20.50	1971
1972	20.48	20.25	20.29	20.43	20.68	21.12	21.13	20.91	20.74	20.82	20.83	20.59	20.69	1972
1973	20.33	20.19	20.31	20.42	21.30	21.37	21.21	20.97	21.01	20.99	---	---	---	1973
MOYEN	20.79	20.53	20.37	20.56	21.11	21.32	21.25	21.06	20.99	21.00	21.05	20.99	20.91	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 243.840 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 48 48 23
LONG 79 13 35

REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

LA SARRE (RIVIERE) PRES DE LA SARRE - STATION NO. 02MA002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1926	---	---	---	1926
1927	---	---	---	1927
1928	---	---	---	1928
1929	---	21.75 LE 25 OCT	20.12 LE 16 MAR	1929
1930	---	21.45 LE 11 JUL	20.17 LE 1 AVR	1930
1931	---	21.29 LE 25 NOV	19.95 LE 16 MAR	1931
1932	---	21.63 LE 21 OCT	20.01 LE 1 MAI	1932
1933	---	21.36 LE 11 JUN	20.05 LE 31 OCT	1933
1934	---	21.97 LE 29 OCT	19.85 LE 9 MAR *	1934
1935	---	21.37 LE 1 JAN	19.88 LE 5 OCT	1935
1936	---	21.56 LE 29 MAI	19.99 LE 14 FEV	1936
1937	---	21.67 LE 14 OCT	20.17 LE 16 FEV	1937
1938	---	21.60 LE 14 NOV	20.35 LE 24 MAR	1938
1939	---	21.41 LE 14 JUL	20.14 LE 18 AVR	1939
1940	---	---	---	1940
1941	---	21.84 LE 7 SEP	20.65 LE 4 MAR	1941
1942	---	21.56 LE 5 NOV	20.56 LE 20 MAR	1942
1943	---	21.57 LE 5 JUN	20.29 LE 5 AVR	1943
1944	---	21.53 LE 6 JUN	20.30 LE 7 AVR	1944
1945	---	21.82 LE 29 MAI	20.61 LE 11 MAR	1945
1946	---	21.82 LE 25 MAI	20.67 LE 1 AVR	1946
1947	---	22.09 LE 27 MAI	20.29 LE 14 AVR	1947
1948	---	21.82 LE 4 JUN	20.03 LE 13 MAR	1948
1949	---	21.78 LE 27 JUN	20.17 LE 8 MAR	1949
1950	---	21.76 LE 14 JUL	20.24 LE 2 MAR	1950
1951	---	21.67 LE 29 JUN	20.48 LE 15 MAR	1951
1952	---	21.81 LE 5 JUN	20.23 LE 2 AVR	1952
1953	---	---	---	1953
1954	---	---	---	1954
1955	---	21.65 LE 8 MAI	20.35 LE 17 SEP	1955
1956	---	21.54 LE 13 JUN	20.27 LE 4 AVR	1956
1957	---	22.09 LE 30 JUN	20.55 LE 16 AVR	1957
1958	---	21.57 LE 12 JUL	20.52 LE 24 AVR	1958
1959	---	21.72 LE 25 MAI	20.69 LE 17 AVR	1959
1960	---	---	---	1960
1961	---	26.46 LE 2 JAN *	20.25 LE 27 MAR	1961
1962	---	21.86 LE 3 JUN	20.22 LE 27 MAR	1962
1963	---	21.23 LE 18 AVR	20.07 LE 15 MAR	1963
1964	---	21.85 LE 16 JUN	20.16 LE 18 JAN	1964
1965	---	21.85 LE 4 OCT	20.21 LE 7 FEV	1965
1966	---	21.65 LE 5 DEC	20.17 LE 11 MAR	1966
1967	---	21.95 LE 17 MAI	20.31 LE 16 MAR	1967
1968	---	21.60 LE 10 JUL	20.22 LE 3 MAR	1968
1969	---	21.83 LE 14 OCT	20.21 LE 2 MAR	1969
1970	---	21.62 LE 25 JUN	20.08 LE 25 MAR	1970
1971	---	21.92 LE 21 MAI	20.13 LE 20 FEV	1971
1972	---	21.35 LE 9 OCT	20.21 LE 16 FEV	1972
1973	---	21.86 LE 14 JUN	20.16 LE 20 FEV	1973

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 243.840 m POUR OBTENIR LES COTES GEODESIQUES

* EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LAC AU SAUMON - STATION NO. 01BD005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1968	---	---	---	---	---	---	---	23.11	23.06	23.06	---	---	---	1968
MOYEN	---	---	---	---	---	---	---	23.11	23.06	23.06	---	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 25 15
LONG 67 19 27

BASSIN VERSANT, 1 210 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

LAC DES ILES (RIVIERE DU) AU LAC DES ILES - STATION NO. 02LE021

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1962	---	---	---	---	---	---	---	---	24.80	24.86	24.92	24.86	---	1962
1963	24.88	24.88	---	25.02	---	24.83	---	24.64	24.78	24.91	24.96	---	---	1963
1964	---	24.87	24.86	---	24.86	24.86	24.81	24.71	24.86	24.84	24.80	24.87	---	1964
1965	24.80	24.81	24.78	24.83	24.88	24.82	24.83	24.80	25.03	---	25.00	24.87	---	1965
1966	24.88	24.83	24.78	24.87	24.86	---	---	---	---	---	---	---	---	1966
MOYEN	24.82	24.80	24.85	24.87	25.01	24.87	24.82	24.78	24.82	24.77	24.85	24.80	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 182.880 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 53 24 22
LONG 75 31 46

REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

LAC DES ILES (RIVIERE DU) AU LAC DES ILES - STATION NO. 02LE021

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
		25.07 LE 24 AVR *	24.70 LE 1 MAR *	

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 182.880 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LAFLAMME (LAC) A LA FORET DE MONTMORENCY - STATION NO. 02PD017

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1981	0.395	0.427	0.417	0.464	0.499	0.453	0.439	0.452	0.420	0.426	0.419	0.404	0.436	1981
1982	0.410	0.396	0.384	0.395	0.464	0.418	0.427	0.417	0.427	0.418	0.444	0.429	0.420	1982
1983	0.418	0.412	0.404	0.431	0.518	0.443	0.422	0.413	0.424	0.436	0.427	0.422	0.431	1983
1984	0.417	0.386	0.402	0.417	0.504	0.436	0.421	0.400	0.412	0.418	0.421	0.409	0.422	1984
1985	0.408	0.414	0.408	0.414	0.511	0.457	0.442	0.403	0.392	0.430	0.420	0.409	0.426	1985
MOYEN	0.410	0.409	0.404	0.424	0.499	0.442	0.430	0.418	0.415	0.424	0.426	0.415	0.427	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 19 25 BASSIN VERSANT 0.69 km²
LONG 71 07 35 DEBIT NATUREL

LAFLAMME (LAC) A LA FORET DE MONTMORENCY - STATION NO. 02PD017

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1981	---			
1982	0.671 LE 10 MAI A 2240 HNE	0.520 LE 12 MAI	0.3878 LE 5 JAN	1981
1983	0.693 LE 9 MAI A 0345 HNE	0.504 LE 9 MAI	0.371 LE 12 AVR *	1982
1984	0.701 LE 23 MAI A 1809 HNE *	0.581 LE 8 MAI *	0.392 LE 16 MAR	1983
1985	0.636 LE 14 MAI A 1129 HNE	0.523 LE 24 MAI	0.372 LE 21 FEV	1984
		0.514 LE 19 MAI	0.3768 LE 27 MAR	1985

PLAN DE REFRENCE - ARBITRAIRE

E - ESTIMATIVE * - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LIEVRE (RIVIERE DU) - STATION NO. 02LF004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	6.88	---	---	6.48	6.15	6.60	6.75	6.88	6.95	7.11	7.03	---	---	1965
1966	---	---	---	---	---	---	6.76	6.86	6.79	6.96	6.89	---	---	1966
1967	---	---	---	6.89	7.14	7.10	6.95	6.94	6.96	7.08	7.04	6.91	---	1967
1968	6.95	7.04	7.00	6.94	7.03	6.90	6.95	6.83	6.93	6.95	6.97	6.97	6.94	1968
1969	6.95	6.73	6.90	6.59	6.85	6.85	6.89	6.90	6.74	6.74	6.89	6.87	6.81	1969
1970	6.88	6.84	6.95	6.81	7.29	7.04	7.05	---	---	---	6.93	6.96	---	1970
1971	6.95	6.98	6.87	6.74	7.01	6.86	6.76	7.05	7.01	6.98	7.02	6.99	6.84	1971
1972	6.90	7.05	7.02	6.92	7.15	7.23	7.20	7.04	7.12	7.03	7.15	7.12	7.08	1972
1973	7.05	6.98	6.95	7.03	7.15	7.11	7.03	7.11	6.98	7.01	7.05	6.98	7.04	1973
1974	7.07	7.00	7.04	---	---	---	---	---	---	---	---	---	---	1974
1975	---	---	---	7.37	---	---	---	---	---	---	---	---	---	1975
MOYEN	6.95	6.96	6.95	6.84	6.97	6.96	6.93	6.94	6.91	6.97	6.99	6.97	6.96	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 182.880 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 49 05 16
LONG 75 37 23 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

LIEVRE (RIVIERE DU) - STATION NO. 02LF004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	7.34 LE 29 AVR	6.42 LE 31 AOU	1969
		7.33 LE 20 MAI	6.20 LE 24 AVR *	
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	7.31 LE 18 MAI	6.43 LE 16 AVR	1972
1973	---	7.81 LE 28 JUN *	6.41 LE 24 AVR	1973
1974	---	7.37 LE 13 JUN	6.68 LE 15 FEV	1974
1975	---	---	---	1975
		---	---	1976

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 182.880 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LIEVRE (RIVIERE DU) A FERME ROUGE - STATION NO. 02LE003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	---	---	---	---	19.39	---	18.86	18.51	18.31	18.36	18.91	19.31	---	1964
1965	19.52	19.07	18.90	19.25	19.36	18.96	18.88	18.81	18.80	19.46	19.24	19.19	19.05	1965
1966	19.12	18.97	19.32	19.70	19.52	19.37	18.86	---	---	---	---	---	---	1966
MOYEN	19.32	19.02	19.12	19.48	19.42	19.17	18.76	18.66	18.55	18.91	18.88	19.23	19.05	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 25 37
LONG 75 25 40 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

LIEVRE (RIVIERE DU) A FERME ROUGE - STATION NO. 02LE003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	---	---	1964
1965	---	19.81 LE 11 JAN *	18.45 LE 20 SEP *	1965
1966	---	---	---	1966

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LIEVRE (RIVIERE DU) AU LAC DU POISSON BLANC - STATION NO. 02LF002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	194.680	194.530	194.160	195.700	201.050	201.120	200.440	199.680	199.610	198.830	197.800	198.610	198.120	1963
1964	198.240	197.000	194.830	195.540	200.980	201.060	201.520	200.320	199.160	197.110	195.260	195.380	198.110	1964
1965	197.540	197.270	195.260	194.540	199.185	201.360	200.830	200.600	201.210	201.680	201.600	201.380	199.400	1965
1966	200.630	198.950	196.080	196.410	200.090	201.480	201.290	200.980	200.040	198.020	197.083	200.180	199.400	1966
1967	200.710	199.260	196.640	197.310	201.330	201.500	201.620	201.000	200.570	201.360	201.600	201.080	200.250	1967
1968	199.720	198.130	196.360	195.570	201.580	201.580	201.460	200.550	199.020	197.740	196.290	195.570	198.000	1968
1969	196.350	196.500	195.800	195.790	201.290	201.600	201.290	200.560	199.120	197.280	197.680	199.100	198.640	1969
1970	199.560	198.690	196.320	195.430	201.170	201.710	201.420	201.000	199.770	198.670	198.480	198.910	199.200	1970
1971	198.990	198.040	196.210	194.800	200.620	201.720	201.110	199.480	197.840	196.900	196.570	197.330	198.330	1971
1972	198.540	198.110	196.810	196.640	200.620	201.850	201.730	201.710	201.240	201.000	200.970	199.270	199.730	1972
1973	198.220	197.710	---	198.920	201.590	201.800	201.670	201.690	201.030	200.530	199.520	199.870	---	1973
1974	199.990	199.360	196.970	195.970	201.670	201.840	201.410	200.520	---	---	198.910	200.050	---	1974
1975	199.620	197.760	195.520	194.480	199.430	201.310	200.340	198.540	198.110	198.080	198.050	198.550	198.220	1975
1976	198.700	198.030	196.830	195.160	201.600	201.430	---	---	---	198.870	198.610	197.270	---	1976
1977	196.590	196.120	195.890	195.150	201.270	201.070	201.050	200.100	198.720	197.340	197.110	198.120	198.450	1977
1978	198.050	197.490	---	196.360	---	---	---	---	---	194.570	195.070	195.680	---	1978
1979	195.960	---	---	197.860	201.310	201.450	200.890	200.150	200.000	200.880	201.010	201.120	---	1979
1980	199.840	197.350	---	197.280	201.220	201.320	200.280	200.230	200.050	201.090	201.300	---	---	1980
1981	---	196.520	194.490	200.630	201.780	201.560	200.810	200.030	199.220	198.220	197.490	196.730	---	1981
1982	195.010	195.640	---	---	---	201.070	200.370	---	---	---	---	---	---	1982
1983	---	---	194.250	196.470	201.410	201.660	200.650	199.780	199.640	198.700	198.050	197.850	---	1983
1984	196.880	195.490	194.400	196.630	201.030	201.680	201.520	201.190	200.160	198.990	198.140	200.120	198.950	1984
1985	199.56	197.26	194.43	195.04	201.33	201.10	200.80	200.74	199.77	---	---	---	---	1985
MOYEN	198.300	197.400	195.900	196.670	201.040	201.490	201.060	200.460	199.720	198.820	198.540	198.650	198.930	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 06 05 BASSIN VERSANT 7 670 km²
LONG 75 30 55 REGULARISE

DONNEES FOURNIES PAR - A - REVISEE DEPUIS JAN 1980
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

LIEVRE (RIVIERE DU) AU LAC DU POISSON BLANC - STATION NO. 02LF002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	201.510 LE 29 MAI	193.92R LE 24 MAR	1963
1964	---	201.748 LE 12 JUL	192.99R LE 8 AVR	1964
1965	---	201.750 LE 8 OCT	192.72R LE 7 AVR *	1965
1966	---	201.539 LE 3 JUN	193.42R LE 10 AVR	1966
1967	---	201.699 LE 24 OCT	193.01R LE 1 AVR	1967
1968	---	201.723 LE 30 AVR	193.84R LE 12 DEC	1968
1969	---	201.829 LE 15 MAI	193.28R LE 8 AVR	1969
1970	---	201.850 LE 8 JUN	194.15R LE 12 AVR	1970
1971	---	201.850 LE 12 JUN	193.47R LE 13 AVR	1971
1972	---	202.009 LE 23 JUN *	193.85R LE 15 AVR	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	201.630 LE 11 JUN	193.53R LE 14 AVR	1975
1976	---	---	---	1976
1977	---	201.589 LE 10 MAI	195.54R LE 13 MAR	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	201.759 LE 6 JUN	193.43R LE 5 AVR	1985
		201.66 LE 10 MAI	193.84 LE 15 AVR	

PLAN DE REFERENCE - ARBITRAIRE

C - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

LIEVRE (RIVIERE DU) EN AVAL DE LA RIVIERE KIAMIKA - STATION NO. 02LE011

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1941	---	---	---	---	18.58	18.64	18.47	17.92	17.95	18.08	18.18	18.83	---	1941
1942	---	---	---	18.32	18.13	18.83	18.21	17.46	17.33	17.38	18.04	17.72	---	1942
1943	---	---	---	18.35	18.48	18.98	18.43	17.88	17.83	17.38	17.43	17.84	---	1943
1944	---	---	---	17.48	18.38	17.81	17.83	17.43	17.38	17.68	17.75	17.88	---	1944
1945	---	---	---	18.77	18.86	18.87	18.18	17.31	17.33	17.33	17.82	17.48	---	1945
1946	---	---	---	18.08	18.89	18.78	18.38	17.41	17.28	17.68	17.87	17.88	---	1946
1947	---	---	17.13	18.83	20.11	18.38	18.37	17.87	17.38	17.38	16.88	17.10	---	1947
1948	---	---	17.18	18.16	18.83	18.13	18.31	17.78	18.88	---	---	---	---	1948
1949	---	---	---	---	18.87	18.78	18.68	17.48	18.81	17.38	17.76	17.76	---	1949
1950	18.81	17.48	17.28	18.86	18.82	18.22	18.78	18.43	17.80	17.12	17.80	18.04	18.06	1950
1951	18.80	17.54	17.32	18.12	18.16	18.82	18.87	17.81	17.28	17.72	18.36	18.83	18.25	1951
1952	18.40	17.88	17.54	18.28	18.36	18.22	18.81	18.87	18.81	18.83	17.54	18.40	18.44	1952
1953	18.53	17.83	17.78	18.31	18.81	18.32	17.54	17.88	17.88	18.83	17.85	17.42	17.96	1953
1954	17.37	17.28	17.58	18.37	18.88	18.14	18.52	17.58	17.62	18.32	18.47	18.47	18.14	1954
1955	17.96	17.76	17.78	18.87	18.85	18.51	17.85	17.84	17.24	17.88	17.78	17.71	17.82	1955
1956	17.73	17.81	17.66	17.94	18.41	18.88	18.88	18.88	18.88	18.76	18.54	18.88	18.38	1956
1957	17.44	17.57	17.84	17.88	18.81	18.18	18.85	18.46	18.52	18.87	19.88	18.87	18.28	1957
1958	18.81	17.81	17.89	18.38	18.81	18.82	18.87	18.78	18.23	18.77	18.17	18.57	18.58	1958
1959	17.88	18.81	17.85	18.23	18.87	18.85	18.82	17.88	18.88	17.84	18.82	18.54	18.38	1959
1960	17.88	17.78	17.43	18.44	18.27	18.82	18.58	18.12	17.42	17.83	17.57	17.42	17.96	1960
1961	17.81	17.82	17.82	17.84	18.88	18.81	18.88	18.87	18.82	18.84	17.87	17.55	18.28	1961
1962	17.88	17.78	17.85	18.11	18.87	18.85	18.27	18.82	18.88	17.25	17.42	17.28	17.76	1962
1963	17.81	17.79	17.48	17.87	18.72	18.38	17.78	17.31	17.34	16.87	17.38	17.88	17.72	1963
1964	17.81	17.28	17.42	18.88	18.85	18.88	18.78	17.88	17.85	17.11	17.47	18.21	17.85	1964
1965	17.98	17.42	18.85	17.88	18.41	18.88	18.18	18.37	18.87	19.18	18.82	18.85	18.21	1965
1966	18.28	17.88	17.83	18.21	18.84	18.88	18.83	18.31	17.88	17.43	18.15	18.38	18.18	1966
1967	18.28	17.75	17.84	18.53	18.87	18.87	18.82	18.22	17.87	18.83	19.12	18.80	18.48	1967
1968	18.88	17.82	17.82	18.88	18.85	18.82	18.88	17.81	17.88	17.28	17.51	18.03	18.85	1968
1969	18.18	17.88	17.58	17.78	18.83	18.82	18.58	17.77	17.28	17.82	18.18	18.28	18.88	1969
1970	18.18	17.87	17.42	18.18	18.85	18.82	18.88	18.22	17.44	17.88	17.73	17.96	18.15	1970
1971	17.88	17.88	17.78	17.88	18.87	18.88	18.28	18.88	17.82	17.28	17.57	17.83	17.85	1971
1972	18.13	17.71	17.14	17.27	18.42	18.28	18.12	18.88	18.54	18.58	18.41	17.82	18.37	1972
1973	17.82	17.82	17.85	18.27	18.87	18.84	18.87	18.88	18.72	17.88	---	---	---	1973
MOYEN	17.98	17.78	17.53	18.23	18.82	18.78	18.58	17.82	17.87	17.78	17.88	18.02	18.13	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 21 45
LONG 75 36 86

REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

LIEVRE (RIVIERE DU) EN AVAL DE LA RIVIERE KIAMIKA - STATION NO. 02LE011

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1941	---	---	---	1941
1942	---	---	---	1942
1943	---	---	---	1943
1944	---	---	---	1944
1945	---	---	---	1945
1946	---	---	---	1946
1947	---	---	---	1947
1948	---	---	---	1948
1949	---	---	---	1949
1950	---	19.52 LE 5 JUN	16.85 LE 11 OCT	1950
1951	---	19.89 LE 17 AVR	17.22 LE 7 SEP	1951
1952	---	19.75 LE 23 MAI	17.32 LE 20 NOV	1952
1953	---	19.54 LE 5 AVR	16.93 LE 15 AOU	1953
1954	---	19.45 LE 12 JUN	17.24 LE 18 FEV	1954
1955	---	19.74 LE 22 AVR	16.97 LE 26 AOU	1955
1956	---	19.07 LE 15 JUL	17.21 LE 3 AVR	1956
1957	---	19.22 LE 29 SEP	17.31 LE 10 JAN	1957
1958	---	19.48 LE 18 OCT	17.33 LE 21 FEV	1958
1959	---	19.30 LE 29 NOV	17.50 LE 22 JAN	1959
1960	---	19.62 LE 17 MAI	16.81 LE 17 OCT	1960
1961	---	19.28 LE 19 MAI	16.91 LE 16 NOV	1961
1962	---	19.28 LE 5 MAI	16.63 LE 20 AOU	1962
1963	---	19.89 LE 29 MAI	16.81 LE 24 OCT	1963
1964	---	19.18 LE 14 JUN	16.84 LE 10 SEP	1964
1965	---	19.28 LE 26 OCT	16.77 LE 29 MAR	1965
1966	---	19.12 LE 28 MAI	17.01 LE 29 SEP	1966
1967	---	19.84 LE 23 OCT	17.55 LE 26 MAR	1967
1968	---	19.65 LE 18 AVR	16.84 LE 20 OCT	1968
1969	---	19.46 LE 21 MAI	16.85 LE 5 AVR	1969
1970	---	20.28 LE 5 MAI *	17.16 LE 24 SEP	1970
1971	---	19.21 LE 18 MAI	16.61 LE 21 AOU *	1971
1972	---	19.90 LE 19 MAI	16.86 LE 11 AVR	1972
1973	---	---	---	1973

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LONG (LAC) PRES DE LES ETROITS - STATION NO. 01AD008

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1972	---	---	197.21	---	197.91	197.48	---	197.49	197.59	197.63	197.68	197.63	---	1972
1973	197.56	---	---	198.01	---	197.74	197.49	197.48	197.41	197.40	197.41	197.55	---	1973
1974	197.61	197.50	197.53	197.58	198.21	197.59	---	---	---	---	---	---	---	1974
MOYEN	197.59	197.50	197.37	197.85	198.11	197.64	197.49	197.49	197.50	197.52	197.55	197.59	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 23 27 BASSIN VERSANT, 108 km²
LONG 68 53 54 DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

LONG (LAC) PRES DE LES ETROITS - STATION NO. 01AD008

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	198.65 LE 15 MAI *	197.46 LE 21 FEV *	1974

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LOUIS (LAC) - STATION NO. 02RG015

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1976	---	---	---	---	---	---	---	---	---	---	---	145.87R	---	1976
1977	145.84R	145.82R	145.80R	145.90R	145.81R	---	145.79R	145.81R	---	145.84R	145.18R	145.81R	---	1977
1978	145.78R	145.77R	---	---	145.84R	145.78R	145.79R	145.80R	145.81R	---	145.81R	---	---	1978
1979	145.78R	145.76R	145.78R	145.87R	---	---	145.83R	---	---	---	---	---	---	1979
1980	145.78R	145.75R	145.74R	---	145.75R	---	145.78R	---	145.84R	145.85R	---	---	---	1980
1981	---	145.82R	145.80R	145.91R	145.87R	145.89R	145.84R	145.83R	145.80R	145.79R	145.80R	---	---	1981
1982	---	---	---	145.78R	145.85R	145.80R	145.84R	145.84R	145.83R	145.85R	145.89R	145.89R	---	1982
1983	145.87R	145.85R	---	---	145.05R	145.98R	145.91R	145.84R	145.88R	---	---	---	---	1983
1984	---	---	---	---	---	145.88R	145.91R	145.91R	---	---	145.94R	145.83R	---	1984
1985	145.91	145.90	145.90	145.98	146.03	145.95	145.97	145.93	145.90	---	---	---	---	1985
MOYEN	145.83R	145.81R	145.80R	145.89R	145.89R	145.88R	145.85R	145.85R	145.84R	145.84R	145.92R	145.88R	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 21 44 BASSIN VERSANT, 3.20 km²
LONG 71 34 38 DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

LOUIS (LAC) - STATION NO 02NC015

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	145.21 LE 27 AVR *	145.02 LE 2 MAR *	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LOUISE (LAC) - STATION NO 02DE086

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1984	---	---	---	---	---	---	---	---	---	---	47.00R	47.00R	---	1984
1985	47.28	47.32	47.23	47.41	46.89	46.90	46.88	46.86	46.86	---	---	---	---	1985
MOYEN	47.28	47.32	47.23	47.41	46.89	46.90	46.88	46.86	46.86	---	47.00R	47.00R	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 44 15 BASSIN VERSANT 1 830 km²
LONG 71 25 19 REGULARISE

DONNEES FOURNIES PAR :
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

LOUISE (LAC) - STATION NO 02DE086

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1984	---	---	---	1984
1985	---	48.03 LE 18 AVR *	46.81 LE 14 SEP *	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LOUP (RIVIERE DU) A LA ROUTE NO 232 - STATION NO 02PG001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	1982
1983	29.60	29.55	29.77	30.52	30.30	29.81	29.44	29.42	---	29.41	29.46	29.51	---	1983
1984	29.68	29.70	29.72	30.24	30.43	29.89	29.67	29.48	29.33	29.38	29.66	29.67	29.70	1984
1985	29.49	29.59	29.59	29.98	30.02	29.86	29.59	29.40	29.35	29.33R	29.43R	29.54R	29.59R	1985
MOYEN	29.59	29.65	29.69	30.25	30.25	29.9	29.65	29.47	29.35	29.36R	29.51R	29.57R	29.70R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 60.957 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 47 48 21 BASSIN VERSANT 1 080 km²
LONG 69 31 14 REGULARISE

DONNEES FOURNIES PAR :
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

LOUP (RIVIERE DU) A LA ROUTE NO 232 - STATION NO 02PG001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	31.70 LE 20 AVR *	29.14 LE 19 SEP *	1983
1984	---	31.31 LE 3 MAI	29.21 LE 24 SEP	1984
1985	---	30.71 LE 29 AVR	29.19 LE 23 SEP	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 60.957 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LOUP (RIVIERE DU) A SAINT-JOSEPH-DE-KAMOURASKA - STATION NO. 02PG005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	23.94	24.11	24.30	---	1982
1983	24.36	24.19	24.35	---	25.59	24.32	23.88	23.61	23.86	23.94	24.03	24.04	---	1983
1984	24.28	24.43	24.53	25.64	25.98	24.38	24.49	23.94	23.87	23.93R	24.18R	24.46R	24.52R	1984
1985	24.16	24.10	24.16	25.24	25.22	24.18	24.19	23.89	23.78	---	---	---	---	1985
MOYEN	24.23	24.24	24.35	25.54	25.60	24.25	24.18	23.88	23.85	23.95R	24.21R	24.43R	24.52R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 101.854 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT. 47 36 45
LONG. 69 38 45

BASSIN VERSANT, 525 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

LOUP (RIVIERE DU) A SAINT-JOSEPH-DE-KAMOURASKA - STATION NO. 02PG005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	27.91 LE 2 MAI *	23.81 LE 10 SEP	1984
1985	---	27.00 LE 28 AVR	23.72 LE 25 SEP *	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 101.854 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LOUPS MARINS (LAC DES) - STATION NO. 03FA003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1974	---	---	---	---	---	---	---	28.92	28.84	28.59	---	---	---	1974
1975	---	---	---	---	---	---	29.40	29.57	29.42	---	---	---	---	1975
1976	---	---	---	---	---	---	29.21	29.08	28.84	28.73	---	---	---	1976
1977	---	---	---	---	---	---	---	---	---	28.83	28.78	---	---	1977
1978	---	---	---	27.61	---	28.98	29.36	29.80	---	29.37	29.15	28.91	---	1978
1979	---	---	---	27.71	27.88	29.64	30.01	29.43	29.11	29.15	29.16	---	---	1979
1980	---	28.34	28.01	27.81	28.25	29.20	29.45	29.20	28.91	28.91	28.94	28.86	---	1980
1981	28.53	28.26	28.06	27.88	27.80	28.71	29.80	29.40	28.86	28.77	28.72	---	---	1981
1982	---	---	---	---	27.95	28.91	29.41	29.39	29.15	28.96	28.85	28.71	---	1982
1983	28.47	28.22	27.97	27.78	28.22	29.17	29.38	---	---	---	---	28.84	---	1983
1984	---	28.21	---	27.81	28.15	28.88	29.17	29.41	29.39	29.60R	29.50R	29.18R	---	1984
1985	28.80	---	---	27.90	27.78	28.78	29.23	28.95	28.82	---	---	---	---	1985
MOYEN	28.60	28.26	28.01	27.79	28.01	28.92	29.34	29.21	29.03	28.98R	29.01R	28.90R	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT. 58 25 18
LONG. 74 00 00

BASSIN VERSANT, 8 390 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

LOVERING (LAC) - STATION NO. 02OE015

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	---	---	---	---	---	242.25	242.09	242.04	---	---	241.87	241.63	---	1965
1966	241.84	240.84	241.16	242.08	---	242.01	---	241.85	---	240.98	---	241.24	---	1966
1967	---	---	241.73	242.19	---	---	241.98	241.84	---	---	241.35	241.17	---	1967
1968	240.95	240.83	241.17	242.13	---	---	241.87	241.77	241.67	241.48	241.25	241.07	---	1968
1969	---	---	---	242.31	242.24	242.07	242.01	241.99	241.85	241.48	241.43	---	---	1969
1970	---	---	---	---	---	---	241.85	241.74	---	---	241.13	---	---	1970
1971	---	241.87	29?.88	---	242.04	241.81	---	---	---	---	---	---	---	1971
1972	---	242.08	242.16	242.13	242.30	242.03	242.04	---	---	---	241.84	242.05	---	1972
1973	---	241.86	242.03	242.03	242.11	241.89	---	---	241.76	241.33	241.23	241.84	---	1973
1974	242.02	241.97	242.05	242.28	242.19	241.99	242.07	241.90	241.76	241.95	241.87	241.71	241.95	1974
1975	241.68	241.82	241.72	241.93	241.89	---	---	---	241.58	---	---	---	---	1975
1976	---	241.58	---	---	---	241.89	241.94	241.86	---	241.82	241.77	241.68	---	1976
1977	241.59	241.67	241.75	241.90	241.87	241.82	241.88	241.83	241.84	241.84	241.90	241.90	241.82	1977
1978	241.84	---	---	241.79	241.83	241.88	241.87	241.88	241.78	241.78	241.78	241.78	241.78	1978
1979	---	---	---	241.81	241.81	---	---	241.79	---	---	---	241.89	---	1979
1980	241.68	241.85	---	241.77	241.80	241.88	241.83	241.80	241.80	241.84	241.82	241.78	---	1980
1981	241.58	241.74	241.63	241.88	241.95	241.87	241.82	241.83	241.80	241.96	242.00	241.88	241.85	1981
1982	241.83	241.78	241.84	242.12	241.92	241.90	---	---	---	---	---	---	---	1982
MOYEN	241.68	241.83	241.74	242.03	242.04	241.98	241.94	241.87	241.77	241.82	241.83	241.87	241.88	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT. 45 08 48
LONG. 72 09 15

BASSIN VERSANT, 35.5 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

LOVERING (LAC) - STATION NO. 02OE015

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	242.40 LE 6 AVR *	241.58 LE 12 OCT	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	242.09 LE 3 OCT	241.55 LE 5 MAR	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	242.32 LE 30 OCT	241.51 LE 26 MAR *	1982
		---	---	1983

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

LUDGER (LAC) AU BARRAGE LUDGER - STATION NO. 02LC010

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	377.44	377.31	376.77	377.14	377.34	377.29	377.24	377.15	377.18	377.02	377.37	377.42	377.22	1963
1964	377.37	377.00	376.71	377.07	377.43	377.34	376.90	376.89	376.56	376.36	376.27	376.36	376.84	1964
1965	376.79	377.05	376.52	376.92	377.45	377.32	377.20	377.25	377.40	377.41	377.38	377.38	377.17	1965
1966	377.41	377.35	376.83	376.79	377.26	377.35	377.18	377.07	377.17	377.26	377.25	377.25	377.18	1966
1967	375.32	375.22	374.41	375.05	375.35	375.43	375.36	375.26	374.70	375.17	375.24	375.22	375.14	1967
1968	375.20	374.90	374.52	375.45	375.38	375.42	375.41	375.43	375.30	374.56	374.82	375.16	375.13	1968
1969	377.07	376.77	376.17	376.88	377.25	377.35	377.36	377.36	377.35	376.67	377.32	377.25	377.07	1969
1970	377.07	376.88	376.66	376.69	376.96	377.10	377.35	377.13	376.82	377.31	377.09	377.46	377.05	1970
1971	375.26	374.56	374.62	374.74	375.36	375.45	375.47	375.45	375.45	375.39	375.26	375.24	375.19	1971
1972	375.17	375.44	375.42	374.76	375.51	375.53	375.51	375.42	375.33	375.15	375.08	376.32	375.30	1972
1973	375.18	375.28	374.90	374.87	375.30	375.48	375.44	375.47	375.42	375.32	375.06	375.46	375.28	1973
1974	375.44	375.59	375.03	374.88	375.47	375.49	375.50	375.40	375.45	375.53	375.53	375.52	375.40	1974
1975	375.48	375.48	374.93	374.80	375.46	375.50	375.46	375.29	375.20	375.40	375.41	375.43	375.32	1975
1976	375.42	375.37	375.02	375.26	375.39	375.57	375.49	375.46	375.49	375.50	375.50	375.49	375.41	1976
1977	375.39	375.27	374.87	---	375.49	375.54	375.52	---	375.46	375.27	---	375.51	---	1977
1978	375.48	375.41	374.76	374.73	375.35	375.43	375.46	375.40	374.96	374.67	375.14	375.42	375.18	1978
1979	---	375.49	374.99	374.94	375.41	375.40	375.44	375.47	375.43	---	375.45	375.43	---	1979
1980	375.32	375.23	375.04	375.20	375.44	375.48	375.47	375.37	374.82	375.43	375.44	375.37	375.30	1980
1981	375.42	375.55	---	375.37	375.36	375.45	375.43	---	375.46	375.48	375.51	375.34	---	1981
1982	375.22	375.06	374.74	374.88	375.32	375.44	375.45	375.39	375.48	375.54	375.50	375.48	375.29	1982
1983	375.45	375.39	375.28	375.11	375.45	375.41	375.40	375.41	375.05	375.26	375.49	375.38	375.34	1983
1984	375.38	375.37	375.21	375.26	375.45	375.44	375.47	375.47	375.44	376.33R	375.45R	375.44R	375.39R	1984
1985	375.36	375.28	375.26	375.12	375.47	375.50	375.45	375.31	375.18	---	---	---	---	1985
MOYEN	375.85	375.75	375.39	375.55	375.90	375.94	375.91	375.89	375.74	375.78R	375.84R	375.88R	375.85R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 07 07
LONG 74 15 35

BASSIN VERSANT 39.1 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

LUDGER (LAC) AU BARRAGE LUDGER - STATION NO. 02LC010

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	377.85 LE 22 AVR	376.52 LE 22 MAR	1963
1964	---	377.68 LE 24 AVR	376.25 LE 21 OCT	1964
1965	---	377.56 LE 24 OCT	376.28 LE 24 MAR	1965
1966	---	377.56 LE 12 DEC	376.45 LE 13 AVR	1966
1967	---	375.72 LE 17 JUN	374.32 LE 22 MAR *	1967
1968	---	375.56 LE * AVR	374.37 LE 19 MAR	1968
1969	---	377.53 LE 30 AVR	376.14 LE 10 MAR	1969
1970	---	377.71 LE 2 MAI *	376.34 LE 10 AVR	1970
1971	---	375.61 LE 27 MAI	374.43 LE 5 AVR	1971
1972	---	375.85 LE 23 JUN	374.58 LE 13 AVR	1972
1973	---	375.65 LE 7 SEP	374.52 LE 15 AVR	1973
1974	---	375.63 LE 23 FEV	374.48 LE 4 AVR	1974
1975	---	375.85 LE 8 JUN	374.52 LE 2 AVR	1975
1976	---	375.77 LE 27 JUN	374.54 LE 25 MAR	1976
1977	---	---	---	1977
1978	---	375.85 LE 21 JUN	374.42 LE 30 SEP	1978
1979	---	---	---	1979
1980	---	375.85 LE 15 AVR	374.54 LE 11 SEP	1980
1981	---	---	---	1981
1982	---	375.89 LE 28 AVR	374.44 LE 13 AVR	1982
1983	---	375.85 LE 5 NOV	374.72 LE 8 AVR	1983
1984	---	375.71 LE 15 AOU	374.74 LE 3 AVR	1984
1985	---	375.72 LE 27 AVR	374.71 LE 14 AVR	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MACAMIC (LAC) A MACAMIC - STATION NO. 04MA001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1941	---	---	---	---	---	---	---	---	---	280.23	280.36	279.97	---	1941
1942	279.65	279.51	279.29	279.58	---	279.60	---	279.75	279.84	279.69	280.01	279.66	---	1942
1943	279.35	279.18	279.04	---	279.82	279.61	279.26	279.74	279.92	279.98	279.17	279.05R	---	1943
1944	279.95	279.83	279.90	279.91	279.68	279.20	279.67	279.24	---	279.59	279.67	---	---	1944
1945	---	---	279.05	279.84	279.52	279.61	279.51	279.55	279.10	279.03	279.61	279.40	---	1945
1946	279.04	279.87	279.95	279.94	279.86	279.59	279.30	279.68	279.74	279.53	279.70	279.93	279.09	1946
1947	279.97	279.81	---	279.59	280.28	279.65	279.08	279.58	279.76	279.32	279.91	279.69	---	1947
1948	279.44	279.37	279.33	279.15	279.63	279.20	279.83	279.78	279.75	279.54	279.71	279.18	279.63	1948
1949	279.12	279.94	279.74	279.37	279.90	279.83	279.46	279.01	279.81	279.68	279.70	279.65	279.10	1949
1950	279.61	279.58	279.49	---	279.89	279.80	279.57	---	279.79	279.78	279.59	279.58	---	1950
1951	279.36	279.87	279.72	279.85	279.42	279.32	279.30	279.09	279.84	279.18	279.70	279.71	279.27	1951
1952	279.60	---	279.14	279.48	279.62	279.41	279.42	279.44	279.44	279.50	279.78	279.71	---	1952
1953	279.60	279.39	279.33	279.80	279.34	279.14	279.84	279.55	279.72	279.25	279.32	279.67	279.25	1953
1954	279.44	279.21	279.14	279.42	279.40	279.31	279.25	279.21	279.04	279.53	279.59	279.66	279.35	1954
1955	279.44	279.17	279.83	279.31	279.30	---	279.87	279.64	279.62	279.27	279.57	279.61	---	1955
1956	279.41	279.17	279.87	279.90	---	279.34	279.28	279.17	279.24	279.38	279.31	279.20	---	1956
1957	279.95	279.75	279.57	279.97	279.44	279.31	279.41	279.00	279.71	279.65	279.03	279.61	279.03	1957
1958	279.52	279.26	279.02	279.20	279.33	279.27	279.30	279.23	279.32	279.53	279.58	279.55	279.34	1958
1959	279.28	279.95	279.65	279.69	279.64	279.31	279.58	279.58	---	279.66	279.72	279.76	---	1959
1960	279.56	279.34	279.04	279.30	280.29	279.51	279.44	279.40	279.30	279.48	279.76	279.72	279.51	1960
1961	279.41	279.13	279.87	279.12	279.80	279.38	279.29	279.13	279.44	279.51	279.70	279.81	279.36	1961
1962	279.78	279.62	279.38	279.44	279.54	279.32	279.12	279.18	279.31	279.23	279.20	279.18	279.36	1962
1963	279.06	279.96	279.90	279.94	279.36	279.43	279.28	279.36	279.46	279.46	279.64	279.84	279.30	1963
1964	279.52	279.42	279.17	279.37	279.54	279.45	279.02	278.85	279.11	279.27	279.36	279.33	279.28	1964
1965	279.13	279.93	279.88	279.75	279.88	279.92	279.07	279.25	279.35	279.26	279.83	279.96	279.10	1965
1966	279.96	279.05	279.08	279.13	279.38	279.05	279.10	279.20	279.81	279.89	279.80	279.81	279.02	1966
1967	279.51	279.49	279.61	279.25	279.78	279.06	279.71	279.68	279.73	279.29	---	---	---	1967
1968	---	---	279.38	279.44	279.94	279.76	279.98	279.99	279.02	279.18	279.02	279.79	---	1968
1969	279.65	279.60	279.46	279.80	279.34	279.93	279.60	279.86	---	---	279.51	279.89	---	1969
1970	279.26	279.15	279.13	279.15	279.85	279.34	279.85	279.46	279.55	279.78	279.87	279.97	279.62	1970
1971	279.89	279.80	279.72	279.95	279.54	279.20	279.98	---	---	---	279.28	279.95	---	1971
1972	279.01	279.92	279.76	279.69	279.37	279.41	279.94	279.74	279.87	279.49	279.07	279.43	279.58	1972
1973	---	---	---	---	279.32	279.14	279.18	279.10	279.23	279.84	279.38	279.57	---	1973
1974	279.63	279.46	279.36	279.35	279.73	279.13	279.05	279.69	279.97	279.35	279.95	279.57	279.18	1974
1975	279.60	279.69	279.73	279.02	279.51	279.57	279.89	---	---	279.59	279.18	279.68	---	1975
1976	279.76	279.78	279.80	279.21	279.59	279.25	279.32	279.41	279.35	279.11	279.10	279.26	279.16	1976
1977	279.32	279.32	279.34	279.56	279.32	279.34	279.08	279.10	279.17	279.25	279.41	279.04	279.27	1977
1978	279.06	279.04	279.97	279.02	279.68	279.31	279.30	279.81	279.97	279.14	279.96	279.98	279.11	1978
1979	279.86	279.64	---	279.95	279.81	279.36	279.88	279.88	279.55	279.81	279.92	279.82	---	1979
1980	279.65	279.92	279.94	279.40	279.30	279.06	279.23	279.21	279.29	---	279.97	279.90	---	1980
1981	---	---	279.82	---	---	279.16	279.32	279.27	279.25	279.28	279.08	279.97	---	1981
1982	279.02	279.58	279.98	279.26	279.61	279.26	279.33	279.28	279.30	279.20	279.15	279.11	279.20	1982
1983	279.98	279.91	279.91	279.86	279.68	279.26	279.23	279.11	279.24	279.26	279.20	279.13	279.16	1983
1984	279.91	279.83	279.85	279.27	279.22	279.24	279.28	279.15	279.07	279.30R	279.29R	279.28R	279.14R	1984
1985	279.06	279.81	279.72	279.02	279.41	279.35	279.21	279.88	279.94	---	---	---	---	1985
MOYEN	279.11	279.97	279.88	279.16	279.64	279.32	279.16	279.01	279.03	279.20R	279.30R	279.22R	279.17R	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 46 40
LONG 79 00 45

BASSIN VERSANT, 1 220 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

MACAMIC (LAC) A MACAMIC - STATION NO. 04MA001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1941	---	---	---	1941
1942	---	---	---	1942
1943	---	---	---	1943
1944	---	---	---	1944
1945	---	---	---	1945
1946	---	---	---	1946
1947	---	---	---	1947
1948	---	280.58 LE 27 MAI	278.40 LE 25 OCT	1948
1949	---	---	---	1949
1950	---	280.00 LE 28 AVR	278.31 LE 17 MAR	1950
1951	---	280.29 LE 25 AVR	278.59 LE 22 OCT	1951
1952	---	---	---	1952
1953	---	280.21 LE 18 AVR	---	1953
1954	---	---	278.64 LE 27 MAR	1954
1955	---	280.01 LE 12 AVR	---	1955
1956	---	279.83 LE 23 AVR	278.28 LE 6 SEP	1956
1957	---	---	278.89 LE 13 SEP	1957
1958	---	---	---	1958
1959	---	---	---	1959
1960	---	280.36 LE 28 AVR	---	1960
1961	---	279.88 LE 11 OCT	278.45 LE 3 AVR	1961
1962	---	---	278.89 LE 30 MAR	1962
1963	---	---	---	1963
1964	---	280.94 LE 10 MAI *	---	1964
1965	---	279.84 LE 16 DEC	278.90 LE 3 AVR	1965
1966	---	279.92 LE 5 MAI	278.75 LE 11 AVR	1966
1967	---	279.80 LE 16 SEP	279.02 LE 3 AOU	1967
1968	---	280.20 LE 28 AVR	278.89 LE 5 MAR	1968
1969	---	---	278.65 LE 9 AOU	1969
1970	---	279.96 LE 18 MAI	---	1970
1971	---	279.48 LE 25 MAI	278.60 LE 15 AVR	1971
1972	---	---	278.55 LE 30 DEC	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	279.58 LE 5 JUN	---	1975
1976	---	---	278.13 LE 14 MAR *	1976
1977	---	279.84 LE 24 OCT	---	1977
1978	---	---	278.30 LE 24 DEC	1978
1979	---	280.19 LE 2 MAI	---	1979
1980	---	---	278.48 LE 20 DEC	1980
1981	---	280.32 LE 24 AVR	---	1981
1982	---	280.37 LE 25 AVR	278.73 LE 1 JAN	1982
1983	---	280.13 LE 15 MAI	278.97 LE 19 JUL	1983
1984	---	---	278.81 LE 28 AOU	1984
1985	---	---	---	1985
		279.96 LE 31 MAR	---	
		279.85 LE 6 MAI	278.94 LE 8 MAR	
		278.72 LE 21 AVR	278.83 LE 27 AVR	
		280.09 LE 28 AVR	278.78 LE 11 FEV	
			278.87 LE 27 MAR	

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MADAWASKA (RIVIERE) AU RESERVOIR TEMISCOUATA - STATION NO 01AD005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	26.77	26.41	26.49	25.81	---	26.81	26.69	26.44	26.21	26.34	26.82	26.82	---	1966
1967	26.77	26.26	25.28	24.94	26.42	26.78	26.81	26.79	26.81	26.80	26.80	26.81	26.44	1967
1968	26.51	26.00	25.14	26.43	26.78	26.68	26.44	26.23	26.08	25.55	25.46	25.46	26.06	1968
1969	25.43	25.47	25.09	25.21	27.62	26.76	26.69	25.52	26.42	26.56	26.74	26.81	26.26	1969
1970	26.61	26.28	25.58	25.28	27.06	26.71	26.73	26.16	26.11	26.72	26.78	26.57	26.38	1970
1971	26.44	25.97	25.24	25.11	26.94	26.60	26.71	26.63	26.80	26.81	26.73	26.68	26.39	1971
1972	26.73	26.10	25.52	25.42	27.17	26.88	26.81	26.63	26.76	26.81	26.75	26.79	26.53	1972
1973	26.62	26.60	25.98	26.08	27.66	26.77	26.69	26.85	26.52	26.38	26.58	26.89	26.64	1973
1974	26.81	25.99	25.42	25.37	28.10	26.86	26.65	26.52	---	---	---	---	---	1974
MOYEN	26.60	26.18	25.42	25.62	27.22	26.76	26.69	26.51	26.48	26.50	26.58	26.60	26.39	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 34 14
LONG 68 38 35

BASSIN VERSANT, 2 580 km² REGULARISE

DONNEES FOURNIES PAR - HYDRO-QUEBEC

MADAWASKA (RIVIERE) AU RESERVOIR TEMISCOUATA - STATION NO 01AD005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	26.82 LE 1 JAN	24.83 LE 5 AVR	1968
1969	---	27.80 LE 28 AVR	24.95 LE 22 MAR	1969
1970	---	28.84 LE 16 MAI	24.80 LE 8 AVR	1970
1971	---	---	---	1971
1972	---	27.43 LE 9 MAI	24.92 LE 13 AVR	1972
1973	---	27.48 LE 14 MAI	24.78 LE 9 AVR *	1973
1974	---	27.93 LE 25 MAI	25.28 LE 12 AVR	1974
		28.35 LE 5 MAI	25.81 LE 16 AVR	
		29.32 LE 19 MAI *	25.15 LE 3 AVR	

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MAGANASIPI (RIVIERE) AU LAC JOHNSON - STATION NO. 02KA013

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	28.42R	28.58R	28.72R	---	1982
1983	28.58R	28.41R	28.50R	---	---	28.58R	28.32R	28.25R	28.28R	28.50R	28.54R	28.48R	---	1983
1984	28.37R	28.41R	28.39R	28.91R	28.78R	28.63R	28.57R	28.43R	28.41R	28.48R	28.69R	28.58R	28.55R	1984
1985	28.43	28.36	28.42	29.05	28.86	28.41	28.70	28.56	28.47	---	---	---	---	1985
MOYEN	28.46R	28.39R	28.44R	28.98R	28.82R	28.54R	28.53R	28.41R	28.39R	28.48R	28.60R	28.59R	28.55R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 19 54 LONG 78 20 54 — BASSIN VERSANT, 575 km² — REGULARISE — DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC — R - REVISEE DEPUIS JAN 1980

MAGANASIPI (RIVIERE) AU LAC JOHNSON - STATION NO. 02KA013

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	29.30R LE 19 AVR	28.33R LE 1 FEV	1984
1985	---	30.46 LE 26 AVR *	28.31 LE 4 JUL *	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

MAGPIE (RIVIERE) A LA SORTIE DU LAC MAGPIE - STATION NO. 02VB004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	27.70	27.84	27.44	---	1982
1983	27.26	27.17	27.06	27.83	28.61	28.84	28.12	27.85	28.42	28.28	27.80	27.56	28.00	1983
1984	27.32	27.14	27.07	27.14	28.20	29.23	28.26	27.80	27.63	27.76R	27.54R	27.42R	27.79R	1984
1985	27.22	27.08	27.01	26.97	28.00	29.03	28.11	27.85	27.72	---	---	---	---	1985
MOYEN	27.27	27.13	27.05	27.31	28.94	29.03	28.16	27.90	27.92	27.91R	27.73R	27.47R	27.90R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 50 41 09 LONG 64 34 51 — BASSIN VERSANT, 7 230 km² — DEBIT NATUREL — DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC — R - REVISEE DEPUIS JAN 1980

MAGPIE (RIVIERE) A LA SORTIE DU LAC MAGPIE - STATION NO. 02VB004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	30.10 LE 3 MAI	27.01 LE 18 MAR	1983
1984	---	30.25 LE 28 MAI *	27.02 LE 6 AVR	1984
1985	---	29.78 LE 5 JUN	26.94 LE 15 AVR *	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MANICOUAGAN (RIVIERE) A LA CENTRALE NO. 5 - STATION NO. 02TC004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	355.89	356.11	356.09	---	1982
1983	355.83	355.44	354.98	354.55	356.16	357.04	357.31	357.47	357.68	357.56	357.07	356.39	356.46	1983
1984	355.43	354.26	353.13	352.20	352.92	354.61	355.37	355.81	355.82	356.81	356.40	354.75	354.63	1984
1985	354.00	353.23	352.67	351.95	351.57	352.98	353.33	353.49	353.22	353.05	352.83	352.06	352.86	1985
1986	351.09	350.05	---	348.32	349.84	351.29	351.83	352.17	352.51	352.90	---	---	---	1986
MOYEN	354.09	353.25	353.59	351.76	352.62	353.98	354.49	354.74	354.81	355.04	355.35	354.82	354.65	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 50 38 40 LONG 68 43 30 — BASSIN VERSANT, 28 300 km² — REGULARISE — DONNEES FOURNIES PAR - HYDRO-QUEBEC

MANICOUAGAN (RIVIERE) A LA CENTRALE NO. 8 - STATION NO. 027C004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	357.94 LE 27 SEP *	354.36 LE 18 AVR	1984
1985	---	355.95 LE 1 JAN	351.91 LE 28 AVR	1985
1986	---	354.43 LE 1 JAN	351.27 LE 16 MAI *	1986

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MANITOU (LAC) AU BARRAGE MANITOU - STATION NO. 02LC013

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	333.09	333.09	332.88	332.89	333.14	333.06	389.78	389.85	389.90	389.88	389.90	389.85	361.68	1963
1964	389.75	389.61	389.54	389.76	389.91	389.84	389.66	389.58	389.52	389.42	389.40	389.55	389.63	1964
1965	389.68	389.70	389.61	389.64	389.99	389.86	389.82	389.91	389.94	389.97	389.94	389.90	389.83	1965
1966	389.92	389.91	389.85	389.78	389.89	389.90	389.80	389.79	389.74	389.75	389.93	389.98	389.85	1966
1967	389.60	389.56	389.32	389.53	389.55	389.65	389.61	389.65	389.55	389.64	389.65	389.64	389.57	1967
1968	389.65	389.49	389.32	389.63	389.60	389.66	389.61	389.49	389.48	389.52	389.58	389.62	389.55	1968
1969	389.55	389.39	389.27	389.52	389.67	389.65	389.65	389.62	389.53	389.44	389.58	389.63	389.54	1969
1970	389.50	389.50	389.43	389.44	389.64	389.51	389.43	389.36	389.31	389.45	389.60	389.65	389.49	1970
1971	389.58	389.40	389.36	389.37	389.69	389.59	389.52	389.59	389.66	389.53	389.59	389.66	389.54	1971
1972	389.62	389.61	389.80	389.47	389.73	389.73	389.67	389.62	389.57	389.61	389.62	389.60	389.62	1972
1973	389.59	389.55	389.52	389.63	389.61	389.62	389.63	389.58	389.59	389.62	389.64	389.65	389.60	1973
1974	389.59	389.66	389.58	389.45	389.59	389.69	389.62	389.57	389.48	389.49	389.54	389.54	389.57	1974
1975	389.48	389.46	389.41	389.44	389.66	389.61	389.52	---	---	389.43	389.55	389.59	---	1975
1976	---	---	389.50	389.65	389.53	389.57	389.63	389.62	389.65	389.64	389.61	389.60	---	1976
1977	389.58	389.58	389.52	389.63	389.56	---	389.62	389.68	389.69	389.69	389.62	389.60	---	1977
1978	389.80	389.52	389.35	389.41	389.66	389.68	389.71	389.70	389.64	389.66	389.69	389.71	389.61	1978
1979	---	389.57	389.47	389.57	389.64	389.63	389.63	389.60	389.64	389.67	389.66	389.63	---	1979
1980	389.63	389.59	389.55	389.66	389.66	389.66	389.68	389.62	---	389.67	389.67	389.65	---	1980
1981	---	389.69	389.51	389.64	389.61	389.60	---	389.56R	389.56R	---	389.57	389.51	---	1981
1982	389.50	389.48	389.44	389.56	389.60	389.61	389.61	389.52	389.55	389.57	389.55	389.53	389.54	1982
1983	389.53	389.52	389.50	389.56	389.64	389.50	389.44	389.40	389.36	389.48	389.59	389.59	389.51	1983
1984	389.57	389.58	389.51	389.62	389.67	389.67	389.68	389.67	389.64	389.64R	389.67R	389.65R	389.63R	1984
1985	389.63	389.59	389.52	389.56	389.66	389.61	389.64	389.57	389.52	---	---	---	---	1985
MOYEN	386.78	387.00	387.02	387.11	387.21	387.09	389.63	389.61	389.50R	389.61R	389.64R	389.65R	387.86R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 04 30
LONG 74 20 14

BASSIN VERSANT 28.4 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

MANITOU (LAC) AU BARRAGE MANITOU - STATION NO. 02LC013

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	---	---	1963
1964	---	389.95 LE 11 NOV	332.78 LE 28 MAR *	1964
1965	---	390.04 LE 24 AVR	389.39 LE 26 OCT	1965
1966	---	390.10 LE 5 MAI *	389.48 LE 7 AVR	1966
1967	---	390.09 LE 12 DEC	389.68 LE 11 AVR	1967
1968	---	389.78 LE 18 JUN	389.25 LE 24 MAR	1968
1969	---	389.71 LE 15 AVR	389.27 LE 13 MAR	1969
1970	---	389.75 LE 25 AVR	389.25 LE 15 MAR	1970
1971	---	389.94 LE 2 MAI	389.28 LE 2 SEP	1971
1972	---	389.79 LE 10 MAI	389.27 LE 26 MAR	1972
1973	---	389.93 LE 24 JUN	389.41 LE 19 AVR	1973
1974	---	389.80 LE 1 JUL	389.46 LE 3 MAR	1974
1975	---	389.73 LE 14 JUN	389.30 LE 16 AVR	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	389.75 LE 10 MAI	389.30 LE 10 AVR	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	389.75 LE 28 AVR	389.41 LE 10 MAR	1983
1984	---	389.80 LE 4 MAI	389.34 LE 14 SEP	1984
1985	---	389.74 LE 18 AVR	389.40 LE 1 AVR	1985
		389.82 LE 28 AVR	389.41 LE 27 MAR	

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MANOUANE (RIVIERE) AU RESERVOIR CHATEAU VERT - STATION NO. 02NB001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	365.90	362.61	361.22	361.77	363.91	385.02	385.87	365.77	365.88	385.55	367.64	367.64	364.81	1963
1964	367.21	363.36	361.44	362.48	365.37	367.38	367.48	367.39	366.00	365.80	364.27	366.53	365.39	1964
1965	367.03	363.67	361.32	361.33	363.32	365.35	368.99	367.35	367.25	368.45	368.25	367.37	365.66	1965
1966	367.43	365.99	362.20	361.73	364.16	366.59	367.96	368.89	368.12	368.22	368.35	368.11	366.47	1966
1967	367.37	366.71	362.86	361.43	363.76	366.82	368.23	368.21	368.32	368.66	368.47	367.32	366.51	1967
1968	366.70	364.38	360.73	363.03	365.85	367.24	367.80	367.96	367.84	367.91	367.81	366.65	366.15	1968
1969	365.31	362.26	360.58	362.42	365.51	367.72	368.13	368.29	368.23	367.84	367.66	367.43	365.96	1969
1970	366.56	364.12	360.86	361.07	365.45	368.21	368.51	368.12	368.19	367.96	367.35	367.25	366.16	1970
1971	366.59	363.98	360.41	361.07	365.43	367.84	368.00	367.66	367.48	367.63	367.45	367.66	365.95	1971
1972	367.68	367.12	363.93	360.12	364.17	367.96	368.51	368.41	368.47	368.38	367.84	365.92	366.54	1972
1973	364.84	363.93	362.76	362.79	366.38	368.37	368.65	368.71	368.47	368.06	368.11	368.02	366.59	1973
1974	367.08	363.65	360.32	361.00	367.14	368.69	368.23	368.00	---	---	368.32	367.44	---	1974
1975	366.83	363.11	361.63	361.13	364.32	367.14	368.51	368.06	367.77	367.82	368.42	367.92	366.00	1975
1976	366.74	365.85	363.13	363.30	367.88	368.54	368.69	368.59	368.28	368.22	368.07	368.12	367.13	1976
1977	367.34	365.04	362.60	361.64	366.66	368.08	368.35	368.36	368.08	367.86	368.37	368.46	366.75	1977
1978	367.51	365.25	361.48	360.71	364.52	367.50	368.36	368.40	368.38	368.22	368.45	368.14	366.42	1978
1979	366.86	363.20	360.94	362.86	367.71	368.68	368.35	368.21	368.14	368.46	368.20	367.51	366.53	1979
1980	367.25	366.39	361.68	361.78	363.89	365.87	368.12	368.38	368.38	368.74	368.29	367.26	366.26	1980
1981	363.97	361.12	361.62	365.14	368.41	368.31	367.73	364.99	365.56	365.46	367.47	367.54	365.72	1981
1982	365.96	362.72	361.32	361.51	364.78	366.87	368.01	367.72	367.01	366.53	367.78	---	---	1982
1983	366.06	363.22	361.44	362.03	366.74	367.84	368.32	---	368.14	---	---	---	---	1983
1984	366.61	363.01	361.56	---	365.43	368.31	368.42	368.39	368.37	368.44	368.44	367.43	---	1984
1985	366.84	364.05	362.54	361.71	364.86	367.26	368.29	367.10	366.98	366.94	365.43	364.18	365.36	1985
1986	362.70	361.26	361.26	362.51	366.59	368.09	367.87	367.35	366.82	---	---	---	---	1986
MOYEN	366.30	363.96	361.66	361.94	365.50	367.46	368.06	367.83	367.61	367.72	367.74	367.33	366.13	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 47 45 31
LONG 73 53 37

BASSIN VERSANT, 3 060 km²
REGULARISE

DONNEES FOURNIES PAR -
HYDRO-QUEBEC

MANOUANE (RIVIERE) AU RESERVOIR CHATEAU VERT - STATION NO. 02NB001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	368.22 LE 19 NOV	361.12 LE 26 MAR	1963
1964	---	367.85 LE 3 AOU	361.20 LE 16 MAR	1964
1965	---	368.84 LE 29 OCT	361.10 LE 6 AVR	1965
1966	---	368.84 LE 8 AOU	361.15 LE 11 AVR	1966
1967	---	368.77 LE 19 OCT	361.18 LE 21 AVR	1967
1968	---	368.18 LE 1 SEP	360.20 LE 27 MAR	1968
1969	---	368.55 LE 13 SEP	360.19 LE 24 MAR	1969
1970	---	368.95 LE 21 JUL *	360.13 LE 12 AVR	1970
1971	---	368.37 LE 5 JUL	359.99 LE 12 AVR	1971
1972	---	368.84 LE 21 JUL	359.95 LE 27 AVR *	1972
1973	---	368.81 LE 12 AOU	361.78 LE 15 AVR	1973
1974	---	---	---	1974
1975	---	368.68 LE 24 JUL	360.70 LE 17 AVR	1975
1976	---	368.78 LE 21 MAI	361.89 LE 28 MAR	1976
1977	---	368.68 LE 3 DEC	360.80 LE 3 AVR	1977
1978	---	368.78 LE 21 NOV	360.25 LE 11 AVR	1978
1979	---	368.84 LE 24 MAI	360.27 LE 21 MAR	1979
1980	---	368.68 LE 29 JUL	360.35 LE 30 MAR	1980
1981	---	368.66 LE 14 MAI	360.69 LE 18 FEV	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	368.72 LE 31 JUL	361.44 LE 12 AVR	1985
1986	---	---	---	1986

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MANOUANE (RIVIERE) AU RESERVOIR KEMPT - STATION NO. 02NB003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	417.61	417.21	417.06	417.28	418.11	418.53	418.54	418.71	419.01	418.98	418.75	418.72	418.21	1963
1964	417.72	417.23	417.07	417.36	418.24	418.80	419.12	419.01	418.91	418.55	418.40	418.17	418.22	1964
1965	417.59	417.19	416.96	416.94	417.74	418.42	418.53	418.87	418.78	419.05	419.13	418.89	418.15	1965
1967	419.06	418.26	417.86	417.80	418.51	419.20	419.30	419.29	419.25	419.32	419.28	418.98	418.81	1967
1968	418.03	417.50	417.22	417.72	418.61	418.94	419.17	419.22	419.08	418.84	418.76	418.62	418.48	1968
1969	417.98	417.42	417.15	417.37	418.41	419.11	419.23	419.22	419.00	418.73	419.01	418.82	418.46	1969
1970	418.16	417.54	417.21	417.17	418.51	419.26	419.30	418.79	417.91	418.00	418.15	417.84	418.16	1970
1971	417.28	417.05	416.86	417.07	418.28	418.81	418.53	416.27	418.16	418.08	417.84	417.56	417.82	1971
1972	417.38	417.25	417.12	416.95	418.12	419.12	419.35	419.02	418.44	418.26	418.21	417.62	418.07	1972
1973	417.00	416.83	416.79	417.49	418.72	419.27	419.31	419.24	418.91	418.70	418.26	417.61	418.18	1973
1974	417.29	416.87	416.78	417.04	418.77	419.22	418.81	418.86	418.53	418.57	418.89	418.70	418.17	1974
1975	418.51	417.74	417.38	417.22	418.28	418.88	419.19	419.26	418.27	419.37	419.15	419.15	418.63	1975
1976	418.73	417.62	416.98	417.89	418.91	419.28	419.36	419.28	419.13	418.94	418.58	417.85	418.55	1976
1977	417.55	417.31	417.05	417.18	418.34	418.81	419.19	419.21	419.00	418.81	418.90	418.76	418.36	1977
1978	417.95	417.01	416.80	416.86	417.81	418.48	418.69	418.79	418.58	418.49	418.15	417.77	417.96	1978
1979	417.83	417.35	417.17	417.73	418.86	419.42	419.29	419.22	419.16	419.31	419.26	418.82	418.61	1979
1980	418.10	417.54	417.23	417.37	418.11	418.25	---	418.22	418.46	---	418.82	418.43	---	1980
1981	---	417.67	---	418.00	418.16	---	418.30	---	---	418.67	418.85	418.39	---	1981
1982	417.64	417.20	416.99	416.98	417.95	418.49	418.74	418.71	418.69	418.04	417.55	417.34	417.87	1982
1983	417.20	417.06	416.85	417.13	---	419.20	418.85	---	418.56	---	---	---	---	1983
1984	417.74	417.29	417.11	---	418.32	419.03	419.30	418.25	419.19	419.14	419.09	418.96	---	1984
1985	418.61	417.80	417.31	417.12	418.07	418.55	418.84	418.78	418.66	418.74	418.70	418.03	418.27	1985
1986	417.46	417.16	417.02	417.45	418.55	419.02	419.12	419.25	419.25	---	---	---	---	1986
MOYEN	417.83	417.36	417.08	417.31	418.34	418.82	419.00	418.86	418.82	418.73	418.54	418.33	418.28	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 47 33 00
LONG 74 11 00

BASSIN VERSANT, 1 500 km²
REGULARISE

DONNEES FOURNIES PAR :
HYDRO-QUEBEC

MANOUANE (RIVIERE) AU RESERVOIR KEMPT - STATION NO 02NB003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	419.07 LE 19 SEP	417.05 LE 6 MAR	1963
1964	---	419.17 LE 13 JUL	417.03 LE 13 MAR	1964
1965	---	419.21 LE 18 NOV	416.85 LE 7 AVR	1965
1967	---	419.41 LE 21 OCT	417.38 LE 14 AVR	1967
1968	---	419.26 LE 5 AOU	417.16 LE 22 MAR	1968
1969	---	419.28 LE 30 JUL	417.08 LE 24 MAR	1969
1970	---	419.50 LE 22 JUL	417.05 LE 8 AVR	1970
1971	---	418.94 LE 5 JUN	416.74 LE 6 AVR	1971
1972	---	419.52 LE 29 JUN *	416.81 LE 15 AVR	1972
1973	---	419.40 LE 7 JUL	416.78 LE 12 MAR	1973
1974	---	419.35 LE 1 JUN	416.74 LE 29 MAR	1974
1975	---	419.41 LE 26 OCT	417.15 LE 16 AVR	1975
1976	---	419.38 LE 6 JUL	416.69 LE 23 MAR *	1976
1977	---	419.26 LE 10 AOU	416.76 LE 6 AVR	1977
1978	---	418.83 LE 6 AOU	416.73 LE 28 FEV	1978
1979	---	419.51 LE 14 JUN	417.14 LE 11 MAR	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	418.79 LE 19 JUL	416.90 LE 8 AVR	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	418.98 LE 28 JUL	417.05 LE 13 AVR	1986

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MANOUANE (RIVIERE) AU RESERVOIR MANOUANE - STATION NO. 02SB006

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	409.52	408.68	408.15	408.43	410.14	410.34	410.19	409.20	409.60	410.50	410.42	410.47	409.64	1963
1964	409.54	408.67	408.29	408.80	410.42	410.35	410.81	410.52	410.40	410.02	409.85	409.28	409.72	1964
1965	409.19	408.36	408.12	408.08	409.76	410.42	410.12	410.29	410.42	410.71	410.77	410.33	409.72	1965
1966	409.64	408.50	408.22	408.18	409.82	410.68	410.68	410.86	410.82	410.85	410.82	410.86	410.02	1966
1967	410.39	409.35	408.51	408.44	410.26	410.69	410.47	410.33	410.27	410.93	410.87	410.63	410.10	1967
1968	410.19	408.51	408.20	409.04	410.51	410.36	409.94	410.34	410.57	410.20	410.13	409.64	409.82	1968
1969	408.95	408.60	408.15	408.88	410.29	410.49	410.57	410.46	410.15	410.68	410.39	409.62	409.72	1969
1970	409.11	408.75	408.42	408.30	410.28	410.75	410.72	410.40	410.13	410.10	409.80	409.35	409.69	1970
1971	408.64	408.29	408.17	408.30	409.85	410.15	410.45	410.42	410.44	409.57	409.89	409.95	409.56	1971
1972	408.87	408.29	408.30	408.40	410.00	410.28	410.62	410.41	410.48	410.45	410.20	409.92	409.64	1972
1973	408.68	408.44	408.23	408.80	410.54	410.59	410.66	410.73	410.53	410.47	410.26	409.36	409.80	1973
1974	408.76	408.44	408.32	408.56	410.64	410.81	410.49	410.46	410.33	410.46	410.57	410.50	409.88	1974
1975	409.87	409.13	408.84	408.59	410.11	410.52	410.37	410.29	410.33	410.46	410.80	410.54	409.97	1975
1976	409.65	409.00	408.58	409.77	410.87	410.73	410.83	410.73	410.56	410.50	410.64	410.00	410.19	1976
1977	408.80	408.47	408.39	408.86	410.32	410.42	410.83	410.80	410.61	410.48	410.43	410.36	409.91	1977
1978	409.64	408.72	408.31	408.27	410.02	410.25	410.05	409.99	409.84	409.89	409.62	409.31	409.50	1978
1979	409.15	408.66	408.27	409.26	410.60	410.67	410.63	410.47	410.51	410.69	410.66	410.48	410.01	1979
1980	409.58	408.81	408.44	409.04	410.43	410.33	410.35	410.31	410.24	---	410.48	409.90	---	1980
1981	---	408.56	---	409.75	---	---	---	---	---	408.84	409.05	409.41	---	1981
1982	408.95	408.56	408.32	408.39	410.13	410.36	410.23	---	410.34	410.15	409.85	409.80	---	1982
1983	409.05	408.73	408.54	408.85	---	410.87	410.75	---	410.44	---	---	---	---	1983
1984	409.59	408.89	408.62	---	410.63	410.57	410.68	410.66	410.53	410.49	410.46	410.20	---	1984
1985	410.06	410.28	408.82	408.57	410.19	---	410.66	409.92	410.12	410.85	410.98	410.42	---	1985
1986	409.48	409.00	408.74	409.56	410.89	411.06	410.96	---	---	---	---	---	---	1986
MOYEN	409.37	408.71	408.36	408.73	410.31	410.54	410.50	410.38	410.36	410.37	410.32	410.00	409.82	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 47 38 04 BASSIN VERSANT, 2 240 km²
LONG 74 00 00 REGULARISE

DONNEES FOURNIES PAR - HYDRO-QUEBEC

MANOUANE (RIVIERE) AU RESERVOIR MANOUANE - STATION NO 02SB006

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	410.70 LE 18 OCT	408.05 LE 26 MAR	1963
1964	---	410.81 LE 6 SEP	409.23 LE 7 MAR	1964
1965	---	410.86 LE 6 NOV	407.97 LE 8 AVR	1965
1966	---	410.97 LE 29 NOV	407.90 LE 11 AVR *	1966
1967	---	411.11 LE 19 OCT	408.27 LE 10 AVR	1967
1968	---	410.77 LE 16 MAI	408.14 LE 22 MAR	1968
1969	---	410.84 LE 19 MAI	408.12 LE 18 MAR	1969
1970	---	411.18 LE 21 JUL	408.16 LE 14 AVR	1970
1971	---	410.65 LE 7 JUL	407.88 LE 12 AVR	1971
1972	---	410.86 LE 19 JUL	408.16 LE 1 FEV	1972
1973	---	410.88 LE 12 AOU	408.24 LE 6 AVR	1973
1974	---	411.18 LE 26 MAI *	408.29 LE 1 AVR	1974
1975	---	410.70 LE 11 NOV	408.48 LE 24 AVR	1975
1976	---	410.88 LE 22 MAI	408.40 LE 24 MAR	1976
1977	---	410.97 LE 2 AOU	408.37 LE 10 MAR	1977
1978	---	410.58 LE 23 MAI	408.16 LE 11 AVR	1978
1979	---	410.79 LE 25 OCT	408.21 LE 11 MAR	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985
1986	---	---	---	1986

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MANOUANE (RIVIERE) AU RESERVOIR MANOUANE - STATION NO 02SB001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	190.46R	189.19R	189.24R	189.39R	190.17R	192.09R	192.52R	192.56R	192.56R	192.60R	192.60R	191.89R	191.29R	1965
MOYEN	190.46R	189.19R	189.24R	189.39R	190.17R	192.09R	192.52R	192.56R	192.56R	192.60R	192.60R	191.89R	191.29R	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 50 39 30 BASSIN VERSANT, 5 000 km²
LONG 70 31 40 REGULARISE

DONNEES FOURNIES PAR - LA COMPAGNIE ALUMINIUM DU CANADA

R - REVISEE DEPUIS JAN 1980

MANOUANE (RIVIERE) AU RESERVOIR MANOUANE - STATION NO. 02SB001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	192.65R LE 23 OCT *	189.05R LE 13 FEV *	1965

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

MARDIS (LAC) - STATION NO 02LC036

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1969	---	---	---	---	---	---	29.70	29.72	29.69	29.65	---	---	---	1969
1970	---	---	---	---	29.80	29.69	29.69	29.68	29.67	---	29.66	---	---	1970
1971	---	---	---	---	29.87	29.70	29.65	29.72	29.71	---	---	---	---	1971
1972	---	---	---	---	29.86	29.82	29.76	29.68	---	---	---	---	---	1972
1973	---	---	---	---	29.85	---	29.74	29.74	29.74	---	---	---	---	1973
1974	---	---	---	---	---	---	---	---	29.87	29.59	---	29.59	---	1974
1975	---	---	---	---	---	---	---	---	---	---	---	---	---	1975
1976	29.93	29.95	---	30.22	30.07	---	---	---	---	30.07	30.04	30.07	---	1976
1977	30.05	30.04	30.15	30.23	30.06	30.04	---	30.05	---	30.11	30.12	30.15	---	1977
1978	30.15	30.09	30.07	30.21	30.16	30.07	30.02	29.95	29.93	---	---	29.75	---	1978
1979	29.94	29.87	29.82	---	---	---	30.17	30.12	30.10	30.06	30.06	30.06	---	1979
1980	30.12	30.05	30.06	---	---	---	---	---	---	29.98	30.06	30.02	---	1980
1981	29.99	30.11	30.02	30.13	30.14	30.15	30.10	30.13	30.08	30.09	30.17	30.16	30.10	1981
1982	30.22	30.16	30.16	30.32	30.18	30.17	30.15	---	---	---	---	---	---	1982
MOYEN	30.00	29.96	30.02	30.22	30.00	29.95	29.89	29.88	29.86	29.99	30.02	30.02	30.10	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 51 25
LONG 74 07 30

BASSIN VERSANT 5 79 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

MARDIS (LAC) - STATION NO 02LC036

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	30.44 LE 25 FEV *	29.94 LE 23 MAR *	1982

PLAN DE REFERENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MASKINONGE (LAC) A SAINT GABRIEL DE BRANDON - STATION NO 020C001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1972	---	---	---	---	---	---	---	---	---	26.10	---	27.91	---	1972
1973	---	---	---	28.99	26.95	26.05	27.85	---	---	27.89	27.88	28.04	---	1973
1974	27.85	27.76	27.82	28.50	29.54	28.54	27.85	27.72	27.48	27.61	27.86	28.22	28.07	1974
1975	27.81	27.71	27.83	28.30	28.97	28.13	27.55	27.46	27.40	27.43	---	27.57	---	1975
1976	---	27.44	---	29.08	28.30	27.81	27.85	27.46	27.20	27.41	27.25	27.09	---	1976
1977	27.08	27.01	27.24	28.35	27.48	27.25	---	27.99	28.03	---	---	---	---	1977
1982	---	---	---	---	142.82	142.63	142.53	142.37	142.56	142.56	142.45	142.56	---	1982
1983	142.56	142.46	142.13	142.81	143.61	142.64	142.56	142.24	141.81	142.19	142.65	142.36	142.51	1983
1984	142.43	142.29	142.11	143.28	142.80	142.63	142.62	142.61	142.50	142.26R	142.33R	142.43R	142.52R	1984
1985	142.26	142.21	142.13	142.49	142.84	142.69	142.65	142.49	142.41	---	---	---	---	1985
MOYEN	85.00	76.70	84.88	71.48	79.46	78.51	85.16	85.04	84.92	70.65R	85.07R	70.77R	104.37R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 114.620 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 19 30
LONG 73 23 30

BASSIN VERSANT 754 km²
REGULARISE

DONNEES FOURNIES PAR
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

MASKINONGE (LAC) A SAINT GABRIEL DE BRANDON - STATION NO 020C001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	30.26 LE 3 MAI	27.45 LE 20 SEP *	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	145.00 LE 5 MAI *	141.68 LE 5 OCT	1984
1985	---	144.16 LE 18 AVR	141.65 LE 22 MAR	1985
		144.15 LE 29 AVR	141.76 LE 28 MAR	

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 114.620 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MASKINONGE (RIVIERE) AU BARRAGE DE SAINT-DIDALE - STATION NO. 020C006

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	---	---	---	---	---	---	142.61	142.45	142.42	---	1977
1978	142.57	142.22	142.06	141.90	142.41	142.59	142.64	142.63	142.57	142.62	142.68	142.57	142.46	1978
1979	142.56	142.40	142.48	142.31	142.60	142.56	142.63	142.56	142.56	142.48	142.49	142.50	142.52	1979
1980	142.52	142.44	142.31	142.50	142.59	142.63	142.52	142.60	142.59	142.54	142.54	142.52	142.52	1980
1981	142.52	142.63	142.29	142.55	142.44	142.48	142.34	142.40	142.45	142.40	142.32	142.34	142.43	1981
1982	142.21	142.08	141.66	142.19	142.43	142.53	142.47	142.30	142.52	142.51	142.32	142.40	142.30	1982
1983	142.48	142.38	141.76	142.08	142.61	142.42	---	142.18	141.69	142.13	142.44	142.24	---	1983
1984	142.39	142.24	141.79	142.55	142.36	---	142.42	142.58	142.46	142.188	142.318	142.388	---	1984
1985	142.21	142.20	141.82	141.89	142.45	142.67	142.63	142.65	142.39	---	---	---	---	1985
MOYEN	142.42	142.32	142.02	142.25	142.51	142.55	142.52	142.46	142.41	142.438	142.448	142.438	142.45	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 19 45 LONG 73 15 40 BASSIN VERSANT, 836 km² REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

B - REVISEE DEPUIS JAN 1980

MASKINONGE (RIVIERE) AU BARRAGE DE SAINT-DIDALE - STATION NO. 020C006

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1978	---	143.05 LE 30 AVR	140.82 LE 7 AVR	1978
1979	---	143.85 LE 30 AVR *	141.71 LE 12 AVR	1979
1980	---	142.97 LE 13 AVR	142.13 LE 22 AVR	1980
1981	---	143.48 LE 7 AVR	141.72 LE 13 JUL	1981
1982	---	143.30 LE 29 AVR	141.51 LE 13 MAR	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	143.23 LE 28 AVR	140.80 LE 26 MAR *	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MASSAWIPPI (LAC) A NORTH HATLEY - STATION NO. 020E045

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	160.66	160.85	---	161.13	161.00	160.48	160.55	160.77	160.62	160.71	160.69	160.70	---	1966
1967	160.61	160.79	160.86	161.21	160.81	160.74	160.63	160.63	160.46	160.51	160.49	160.50	160.69	1967
1968	160.47	160.55	160.67	160.98	160.72	160.53	160.56	160.63	160.55	160.37	160.71	160.67	160.65	1968
1969	160.72	160.49	160.39	161.38	161.13	160.83	160.85	160.67	160.44	160.60	160.87	160.80	160.76	1969
1970	160.51	160.67	160.38	161.21	161.12	160.54	160.54	160.56	160.57	160.73	160.71	160.68	160.70	1970
1971	160.52	160.43	160.48	161.16	161.14	160.62	160.61	160.72	160.66	160.62	160.62	160.64	160.70	1971
1972	160.61	160.59	160.67	161.16	161.32	160.75	160.67	160.60	160.53	160.66	160.72	160.80	160.76	1972
1973	160.84	160.84	161.24	160.91	160.93	160.59	160.67	160.62	160.69	160.67	160.73	160.95	160.86	1973
1974	160.78	---	---	161.27	161.17	160.85	160.97	160.70	160.73	160.70	160.82	160.78	---	1974
1975	160.69	160.63	160.76	161.03	160.81	---	---	160.67	---	160.83	160.85	---	---	1975
1976	---	160.64	---	161.08	160.94	160.76	---	---	---	160.73	160.74	160.81	---	1976
1977	---	160.35	160.82	161.04	---	---	160.58	160.60	160.70	160.88	160.98	160.88	---	1977
1978	---	---	---	161.18	160.93	---	---	---	---	160.73	---	160.68	---	1978
1979	160.84	160.61	161.09	161.04	160.75	---	---	---	---	---	---	---	---	1979
1980	---	160.22	---	---	---	160.68	160.62	160.84	160.67	160.86	160.74	160.72	---	1980
1981	---	---	160.72	160.84	160.76	160.83	160.61	160.76	160.61	160.78	160.91	160.70	---	1981
1982	---	160.79	---	---	160.81	160.87	160.55	160.66	160.34	160.45	160.75	160.70	---	1982
1983	160.69	160.64	160.76	161.18	161.15	160.87	160.76	160.72	160.73	160.71	160.84	---	---	1983
1984	160.60	160.56	160.73	161.00	160.84	160.89	160.85	160.71	160.60	160.588	160.888	160.758	160.738	1984
1985	160.64	160.48	160.91	161.12	160.85	160.76	160.67	160.62	---	---	---	---	---	1985
MOYEN	160.68	160.60	160.76	161.11	160.95	160.74	160.67	160.66	160.61	160.678	160.778	160.768	160.738	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 16 33 LONG 71 58 27 BASSIN VERSANT, 615 km² REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

B - REVISEE DEPUIS JAN 1980

MASSAWIPPI (LAC) A NORTH HATLEY - STATION NO. 020E045

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	161.83 LE 4 AVR	160.45 LE 7 SEP	1968
1969	---	161.83 LE 25 MAR	160.24 LE 3 OCT *	1969
1970	---	161.92 LE 12 AVR	160.31 LE 18 SEP	1970
1971	---	---	---	1971
1972	---	162.08 LE 20 AVR *	160.32 LE 22 MAR	1972
1973	---	161.80 LE 26 AVR	160.37 LE 3 MAR	1973
1974	---	161.88 LE 7 MAI	160.48 LE 21 FEV	1974
1975	---	161.77 LE 18 MAR	160.53 LE 29 OCT	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	161.47 LE 2 JUN	160.25 LE 13 FEV	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MASSAWIPPI (RIVIERE) PRES DE LA RIVIERE SAINT-FRANCOIS - STATION NO. 020E043

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	---	---	---	143.94	---	143.14	---	---	142.85	---	143.32	---	---	1964
1965	---	---	---	143.31	142.83	---	---	---	---	---	---	---	---	1965
1966	---	---	---	144.61	143.82	143.51	143.23	142.50	143.37	143.59	143.23	143.03	---	1966
1967	---	---	---	144.17	143.85	143.47	143.54	143.76	143.52	143.61	143.72	144.05	---	1967
1968	---	---	---	144.16	143.77	143.76	143.47	143.34	143.71	143.81	143.65	143.75	---	1968
1969	---	---	143.75	144.86	143.51	143.51	143.64	143.65	143.33	143.40	143.45	---	---	1969
1970	---	---	---	---	---	---	---	---	143.76	143.76	143.89	143.81	---	1970
1971	144.04	144.21	144.24	144.77	144.42	143.66	143.36	143.30	143.60	143.57	---	---	---	1971
1972	144.92	144.19	144.65	144.79	145.13	143.80	143.61	143.60	143.66	143.56	143.48	144.25	143.93	1972
1973	144.45	144.44	144.91	144.20	144.08	143.89	143.69	143.77	143.33	143.56	143.72	144.13	144.10	1973
1974	144.83	144.79	144.15	145.16	144.57	143.77	143.99	143.65	143.52	143.66	143.71	144.31	144.03	1974
1975	144.03	144.39	144.40	144.30	143.86	143.50	143.30	143.31	143.75	143.83	143.85	144.06	143.88	1975
1976	144.28	144.65	144.95	144.71	144.24	143.55	143.70	---	---	144.02	143.87	144.42	---	1976
1977	145.10	145.06	144.64	144.50	143.52	143.64	143.33	143.19	143.53	144.27	144.04	144.11	143.92	1977
1978	---	144.40	144.16	144.99	144.09	143.94	143.63	143.27	143.25	143.41	143.89	144.21	---	1978
1979	145.47	145.23	145.40	144.34	143.76	143.72	143.20	143.21	143.42	143.51	143.84	144.03	144.07	1979
1980	144.44	144.04	---	143.88	143.57	143.39	143.34	143.42	143.53	143.78	143.82	144.26	---	1980
1981	145.30	144.82	143.60	144.09	143.66	143.71	143.44	143.90	143.56	144.08	143.81	143.59	143.87	1981
1982	144.56	144.85	---	---	144.02	143.45	---	---	---	---	---	---	---	1982
MOYEN	144.45	144.49	144.44	144.39	143.96	143.62	143.50	143.46	143.45	143.70	143.68	143.96	143.97	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 22 00 BASSIN VERSANT 1 700 km²
LONG 71 51 03 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

MASSAWIPPI (RIVIERE) PRES DE LA RIVIERE SAINT-FRANCOIS - STATION NO. 020E043

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	145.45 LE 5 MAI	143.11 LE 13 NOV	1972
1973	---	147.75 LE 5 MAI	143.22 LE 3 SEP	1973
1974	---	145.26 LE 13 MAR	143.22 LE 26 AOU	1974
1975	---	---	---	1975
1976	---	145.80 LE 21 AVR	143.07 LE 24 AOU	1976
1977	---	---	---	1977
1978	---	145.84 LE 15 MAR	143.12 LE 5 AOU	1978
1979	---	---	---	1979
1980	---	147.79 LE 7 MAR *	142.85 LE 2 AOU *	1980
1981	---	---	---	1981
1982	---	145.96 LE 26 OCT	142.97 LE 26 DEC	1982

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MASSON (LAC) AU BARRAGE MASSON - STATION NO. 02LC009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1967	335.24	335.14	334.83	334.82	335.19	335.26	335.13	335.04	334.75	334.65	334.53	334.84	334.95	1967
1968	334.95	334.85	334.57	334.56	334.83	335.11	335.24	335.12	335.01	334.74	334.47	334.51	334.83	1968
1969	334.62	334.64	333.93	334.62	335.08	335.13	335.23	335.27	335.21	335.16	335.11	335.14	334.93	1969
1970	335.02	334.86	334.70	334.48	335.01	335.24	335.14	335.00	334.90	334.85	335.07	335.30	334.97	1970
1971	335.19	334.83	334.69	334.62	334.92	335.13	335.10	335.06	335.08	335.11	335.13	335.24	335.01	1971
1972	335.27	335.25	335.29	334.94	335.16	335.21	335.28	335.22	334.69	334.71	335.05	334.84	335.08	1972
1973	334.85	334.77	334.63	334.64	335.00	335.17	335.23	335.22	335.05	335.09	335.18	335.25	335.01	1973
1974	335.14	335.28	335.13	334.91	335.18	335.27	335.23	335.21	334.98	335.01	335.14	335.13	335.13	1974
1975	---	335.10	---	334.47	334.85	335.20	335.10	334.91	334.38	334.23	334.62	335.05	---	1975
1976	335.22	335.16	334.87	334.76	335.08	335.22	335.19	335.18	335.18	335.05	334.81	334.94	335.04	1976
1977	334.94	334.91	334.62	334.73	335.08	335.12	335.21	335.11	335.05	335.19	335.21	335.17	335.03	1977
1978	335.07	334.82	334.59	334.86	335.07	335.11	335.18	335.03	334.85	334.95	334.98	335.15	334.98	1978
1979	335.18	335.09	335.03	335.08	335.10	---	---	---	334.89	335.20	335.17	335.17	---	1979
1980	335.00	334.82	334.73	334.98	335.17	335.23	335.23	---	334.41	334.11	334.23	334.34	---	1980
1981	334.30	334.46	334.81	---	---	335.13	335.07	335.16	335.22	335.25	335.16	334.80	---	1981
1982	334.70	334.71	334.68	334.70	---	335.04	335.07	334.88	334.95	335.02	335.18	335.19	---	1982
1983	335.00	334.95	334.93	335.11	335.15	335.16	335.08	335.00	334.88	334.95	335.20	335.15	335.05	1983
1984	335.03	335.00	334.85	334.97	335.17	335.21	335.19	335.15	335.09	335.02R	335.14R	335.23R	335.09R	1984
1985	335.09	334.96	334.89	334.85	335.23	335.25	335.19	335.06	335.02	---	---	---	---	1985
MOYEN	334.99	334.94	334.75	334.78	335.08	335.18	335.17	335.10	334.93	334.91R	334.97R	335.02R	335.01R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 01 50 BASSIN VERSANT 32.6 km²
LONG 74 03 23 REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

MASSON (LAC) AU BARRAGE MASSON - STATION NO. 02LC009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1967	---	335.36 LE 16 JUN	334.44 LE 2 NOV	1967
1968	---	335.29 LE 10 JUL	334.43 LE 22 MAR	1968
1969	---	335.28 LE 1 AOU	333.87 LE 1 MAR *	1969
1970	---	335.31 LE 5 DEC	334.30 LE 15 AVR	1970
1971	---	335.30 LE 17 DEC	334.42 LE 8 AVR	1971
1972	---	335.49 LE 17 JUL *	334.40 LE 19 SEP	1972
1973	---	335.35 LE 8 DEC	334.43 LE 13 AVR	1973
1974	---	335.37 LE 13 MAI	334.78 LE 13 AVR	1974
1975	---	---	---	1975
1976	---	335.33 LE 21 MAI	334.46 LE 18 MAR	1976
1977	---	335.27 LE 4 JUL	334.28 LE 29 MAR	1977
1978	---	335.25 LE 30 JUN	334.49 LE 13 MAR	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	335.40 LE 18 AVR	334.80 LE 17 MAR	1983
1984	---	335.28 LE 18 AVR	334.68 LE 3 AVR	1984
1985	---	335.27 LE 21 MAI	334.71 LE 31 MAR	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MATAMEC (RIVIERE) - STATION NO. 02UC005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	27.39	27.77	27.48	---	1982
1983	27.28	27.30	27.26	28.25	28.85	27.93	27.32	27.21	27.47	27.69	27.56	27.59	27.65	1983
1984	27.26	27.14	27.14	27.53	28.93	28.22	27.77	27.42	27.35	27.49R	27.44R	27.40R	27.59R	1984
1985	27.19	27.06	27.07	27.10	28.25	28.16	27.78	27.56	27.21	---	---	---	---	1985
MOYEN	27.24	27.17	27.16	27.63	28.68	28.10	27.63	27.40	27.34	27.52R	27.59R	27.49R	27.62R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 50 20 30 BASSIN VERSANT 458 km²
LONG 65 56 10 DEBIT NATUREL

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

MATAMEC (RIVIERE) - STATION NO. 02UC005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	29.86 LE 29 AVR *	27.14 LE 10 MAR	1983
1984	---	29.29 LE 26 MAI	27.12 LE 24 FEV	1984
1985	---	29.11 LE 24 MAI	27.05 LE 11 FEV *	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MATANE (LAC) - STATION NO 020B009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	26.99	27.11	27.04	---	1982
1983	26.97	26.93	26.98	27.30	27.77	28.62	28.33	27.03	26.46	26.94	27.12	27.07	27.32	1983
1984	26.97	26.96	26.96	27.16	27.59	28.77	28.80	28.60	26.70	26.98R	27.11R	27.05R	27.48R	1984
1985	26.96	26.93	26.92	26.88	27.79	28.78	28.80	28.30	27.10	---	---	---	---	1985
MOYEN	26.97	26.94	26.95	27.15	27.72	28.79	28.55	28.03	26.75	26.97R	27.11R	27.05R	27.40R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 41 25 BASSIN VERSANT 147 km²
LONG 68 58 28 REGULARISE

DONNEES FOURNIES PAR :
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

MATANE (LAC) - STATION NO 020B009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	28.03 LE 9 JUN *	25.34 LE 22 SEP	1984
1985	---	28.99 LE 14 JUL	25.87 LE 21 SEP *	1985
		28.02 LE 4 JUN	25.81 LE 5 MAR	

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MATANE (RIVIERE) AU RESERVOIR MATHIEU-D'AMOURS - STATION NO 020B008

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	46.80	45.69	45.69	---	1982
1983	45.57	45.59	45.69	46.19	46.36	47.27	48.06	48.12	48.11	46.99	45.73	45.66	46.62	1983
1984	45.72	45.74	45.75	46.16	46.45	47.10	48.09	48.10	48.08	46.78R	45.68R	45.63R	46.51R	1984
1985	45.85	45.73	45.61	45.85	46.64	48.07	48.15	48.11	48.08	---	---	---	---	1985
MOYEN	45.71	45.68	45.68	46.06	46.46	47.48	48.10	48.11	48.08	46.78R	45.70R	45.65R	46.52R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER -42.676 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 48 50 45 BASSIN VERSANT 1 690 km²
LONG 67 31 52 REGULARISE

DONNEES FOURNIES PAR :
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

MATANE (RIVIERE) AU RESERVOIR MATHIEU-D'AMOURS - STATION NO 020B008

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	48.31 LE 12 SEP	45.48 LE 9 FEV	1984
1985	---	48.34 LE 20 JUN *	45.42R LE 8 DEC	1985
		48.29 LE 18 JUN	45.04 LE 1 MAR *	

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER -42.676 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

MATAPEDIA (LAC) A VAL-BRILLANT - STATION NO 01BD004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	48.59	48.59	48.53	---	1982
1983	48.83	48.78	48.77	48.42	50.32	48.25	48.80	48.67	48.54	---	---	---	---	1983
MOYEN	48.83	48.78	48.77	48.42	50.32	48.25	48.80	48.67	48.54	48.59	48.59	48.53	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 107.807 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 48 32 02 BASSIN VERSANT 656 km²
LONG 67 32 44 DEBIT NATUREL

DONNEES FOURNIES PAR :
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

MATAPEDIA (LAC) A VAL-BRILLANT - STATION NO 01BD004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
		50.99 LE 4 MAI *	48.60 LE 8 SEP *	

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 107.807 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MATAPEDIA (RIVIERE) PRES DE AMQUI - STATION NO 01BD006

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1983	---	---	---	---	---	---	---	---	---	47.80	47.94	---	---	1983
1984	---	47.90	47.90	48.22	49.54	48.85	48.09	48.00	47.90	47.80P	47.96P	48.12P	---	1984
1985	47.96	47.83	47.82	47.92	48.77	48.33	48.13	47.95	47.84	---	---	---	---	1985
MOYEN	47.96	47.87	47.86	48.07	49.16	48.49	48.11	47.98	47.87	47.80P	47.95P	48.12P	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 108 682 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 48 29 30
LONG 67 27 00

BASSIN VERSANT 558 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

P - REVISEE DEPUIS JAN 1980

MATAPEDIA (RIVIERE) PRES DE AMQUI - STATION NO 01BD005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	48.88 LE 14 MAI *	47.78 LE 24 SEP *	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 108 682 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MATAWIN (RIVIERE) AU RESERVOIR MATAWIN - STATION NO 02NF002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1930	---	---	---	---	---	---	---	---	---	---	---	348.26	---	1930
1931	349.40	348.52	348.78	350.22	355.46	356.14	358.85	357.34	354.80	355.43	356.25	356.37	354.28	1931
1932	355.58	355.00	350.27	350.80	356.82	357.39	357.96	358.85	358.91	358.93	358.84	358.17	356.47	1932
1933	357.67	356.43	355.13	353.11	357.80	358.72	358.45	353.86	353.58	353.46	353.84	352.14	355.18	1933
1934	350.45	349.96	347.95	347.29	357.68	356.98	358.90	357.77	356.91	356.98	357.40	357.57	354.86	1934
1935	356.05	352.47	350.34	347.32	355.10	357.55	358.87	358.04	356.84	357.28	358.27	357.90	355.61	1935
1936	355.86	353.20	351.01	355.17	358.83	358.80	358.64	358.11	356.05	358.74	358.88	358.42	356.96	1936
1937	358.27	355.96	351.58	346.53	358.04	358.47	358.19	357.09	355.44	355.75	357.47	358.11	355.79	1937
1938	356.00	353.10	350.51	350.96	358.40	355.00	358.66	358.31	358.91	358.93	358.67	357.70	356.82	1938
1939	356.63	353.76	350.53	345.43	354.73	358.95	359.04	359.04	356.87	358.74	358.85	358.66	356.13	1939
1940	358.08	355.25	350.77	345.52	354.77	358.86	358.94	357.43	355.04	354.62	355.05	355.56	355.00	1940
1941	355.05	352.56	349.89	349.28	355.88	357.01	357.94	357.07	357.18	358.41	359.04	358.87	355.71	1941
1942	358.00	355.25	351.16	347.90	357.21	355.01	358.66	356.62	354.84	354.99	356.58	357.44	351.66	1942
1943	354.84	352.18	349.45	345.37	354.82	359.01	359.05	359.04	358.55	357.25	358.33	357.62	355.47	1943
1944	356.15	353.37	349.58	343.72	352.56	356.04	357.48	358.16	356.17	356.69	357.26	357.22	354.55	1944
1945	355.41	352.31	349.60	355.32	358.88	358.90	357.66	357.70	358.47	358.12	357.91	357.53	356.51	1945
1946	355.06	353.31	350.22	351.98	356.46	358.02	357.14	356.87	355.11	354.75	356.74	356.72	355.21	1946
1947	355.42	352.84	349.89	350.26	357.76	359.02	358.93	358.59	358.11	358.28	358.92	354.33	355.86	1947
1948	352.49	350.51	348.38	348.60	355.81	357.31	357.26	357.01	354.83	353.51	353.22	353.09	353.50	1948
1949	351.78	350.12	347.88	348.53	356.70	358.52	358.44	357.22	355.57	355.07	354.59	352.96	354.06	1949
1950	352.63	350.76	348.50	347.50	355.13	358.67	358.70	356.78	355.07	353.68	352.63	354.81	353.86	1950
1951	353.36	350.52	348.39	350.80	358.81	358.78	358.83	357.89	356.48	355.74	356.13	357.18	355.26	1951
1952	355.48	352.13	349.45	347.52	357.16	359.04	358.91	358.85	358.02	356.35	354.88	355.06	355.27	1952
1953	355.03	353.11	350.20	355.72	358.86	358.86	358.54	357.10	354.68	353.87	352.02	351.81	355.03	1953
1954	351.02	348.57	347.08	348.30	357.75	358.02	358.78	358.28	358.42	358.76	358.55	358.10	355.34	1954
1955	355.86	353.18	349.85	349.23	358.35	356.73	356.05	357.33	356.07	354.93	354.55	353.33	354.85	1955
1956	351.77	349.83	348.14	346.53	353.28	357.84	358.50	358.32	358.61	358.39	357.28	356.58	354.62	1956
1957	355.29	353.12	349.88	347.22	353.10	356.98	357.96	356.47	357.46	357.93	358.90	358.51	355.26	1957
1958	358.26	355.82	357.53	349.53	356.08	356.01	358.89	358.61	358.78	358.94	358.59	357.76	356.79	1958
1959	356.33	353.17	350.27	349.58	355.82	357.99	358.84	358.97	358.71	358.14	358.87	358.83	356.33	1959
1960	357.80	355.83	352.72	351.00	356.27	358.68	358.64	358.41	357.24	356.43	356.13	356.21	356.46	1960
1961	354.35	352.29	349.74	345.93	354.81	357.73	358.15	358.30	358.08	356.81	355.35	355.25	354.74	1961
1962	354.54	352.62	349.60	349.05	357.25	358.83	358.29	358.17	358.06	358.29	358.13	357.15	355.86	1962
1963	355.08	352.73	349.81	346.31	354.57	357.06	357.49	356.79	357.37	358.10	358.40	358.61	355.23	1963
1964	356.78	353.83	350.76	347.74	355.20	357.85	357.71	357.56	357.67	357.36	356.82	356.33	355.43	1964
1965	355.56	353.04	349.95	345.66	353.81	357.75	357.50	357.58	356.12	358.90	358.90	357.77	355.40	1965
1966	356.37	354.31	351.47	349.67	356.22	358.97	358.95	358.90	358.57	357.72	358.15	358.83	356.56	1966
1967	358.12	355.60	351.59	347.64	355.32	358.69	358.99	358.04	357.06	358.13	358.96	358.17	356.37	1967
1968	355.98	354.15	350.77	350.60	357.37	358.04	357.06	356.75	356.62	356.56	356.83	356.58	355.63	1968
1969	354.51	351.84	348.20	345.05	357.01	358.88	358.31	357.81	357.75	358.08	358.56	358.33	355.72	1969
1970	356.52	353.89	350.51	346.68	357.65	359.00	358.84	358.72	358.61	358.61	358.77	358.18	356.40	1970
1971	355.73	353.04	349.75	345.95	356.26	358.49	358.07	357.40	357.51	357.55	356.99	356.61	355.31	1971
1972	353.99	352.34	349.52	344.57	355.25	358.59	358.69	358.70	358.51	358.72	358.99	356.78	355.37	1972
1973	355.53	354.11	352.05	351.46	358.29	358.77	358.72	358.75	358.51	358.28	357.70	357.18	356.63	1973
1974	356.52	354.35	351.33	349.06	358.17	358.87	358.54	357.89	356.63	358.82	356.58	355.88	355.91	1974
1975	354.64	350.85	346.53	344.83	356.63	358.80	357.82	357.77	357.88	358.37	358.85	357.22	355.07	1975
1976	354.66	353.52	351.26	352.54	358.18	358.79	358.95	358.75	357.78	357.86	357.37	354.55	356.18	1976
1977	352.11	349.48	345.53	348.35	357.24	358.28	358.52	358.47	356.36	358.20	357.14	354.85	354.74	1977
1978	351.68	348.31	344.83	345.73	356.33	358.73	358.35	357.98	357.27	357.19	357.16	355.24	354.11	1978
1979	352.33	348.39	344.88	352.83	358.72	358.84	358.54	358.31	358.61	358.89	358.37	358.43	355.64	1979
1980	356.80	353.52	347.01	347.42	354.78	356.35	357.01	357.58	357.46	358.70	358.72	357.21	355.23	1980
1981	354.07	350.48	348.22	354.35	358.53	358.59	358.46	357.63	357.44	357.56	358.16	357.19	355.92	1981
1982	354.72	350.00	342.10	346.16	356.72	358.34	358.10	358.10	356.35	357.64	357.73	358.42	354.74	1982
1983	---	---	349.28	348.28	---	---	358.61	---	357.49	---	---	---	---	1983
1984	355.88	352.94	346.34	348.72	---	356.51	358.67	358.64	356.02	357.78	357.74	357.71	---	1984
1985	355.75	352.31	348.76	346.46	356.48	358.39	358.50	358.06	357.69	357.76	357.42	356.87	355.40	1985
1986	354.10	351.11	347.77	---	357.88	358.40	---	358.54	356.61	356.46	---	---	---	1986
MOYEN	356.04	352.63	349.40	348.78	356.53	358.33	358.34	357.80	357.32	357.22	357.24	356.58	355.48	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 46 51 48
LONG 73 38 30

BASSIN VERSANT 4 070 km²
REGULARISE

DONNEES FOURNIES PAR -
HYDRO-QUEBEC

MATAWIN (RIVIERE) AU RESERVOIR MATAWIN - STATION NO 02NF002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1930	---	---	---	1930
1931	---	359 05 LE 6 JUL	348 05 LE 3 AVR	1931
1932	---	359 08 LE 9 OCT	348 86 LE 19 MAR	1932
1933	---	358 10 LE 9 JUN	351 29 LE 31 DEC	1933
1934	---	359 05 LE 11 JUN	344 30 LE 14 AVR	1934
1935	---	358 93 LE 13 JUL	346 13 LE 13 AVR	1935
1936	---	359 05 LE 20 OCT	349 95 LE 17 MAR	1936
1937	---	358 75 LE 3 DEC	346 01 LE 8 AVR	1937
1938	---	359 07 LE 5 NOV	348 46 LE 31 MAR	1938
1939	---	359 11 LE 30 JUN	344 57 LE 20 AVR	1939
1940	---	359 05 LE 10 JUN	344 57 LE 16 AVR	1940
1941	---	359 07 LE 4 NOV	345 88 LE 13 AVR	1941
1942	---	359 05 LE 1 JUL	345 26 LE 16 AVR	1942
1943	---	359 05 LE 16 JUN	343 10 LE 24 AVR	1943
1944	---	358 78 LE 13 AOU	341 56 LE 23 AVR	1944
1945	---	359 07 LE 18 MAI	348 29 LE 26 MAR	1945
1946	---	358 43 LE 5 JUN	341 66 LE 3 JAN	1946
1947	---	359 07 LE 5 JUN	346 59 LE 7 AVR	1947
1948	---	357 82 LE 11 JUL	344 54 LE 7 AVR	1948
1949	---	358 98 LE 2 JUL	345 17 LE 5 AVR	1949
1950	---	359 07 LE 17 JUN	344 56 LE 12 AVR	1950
1951	---	359 07 LE 2 JUN	346 31 LE 3 AVR	1951
1952	---	359 05 LE 26 MAI	344 12 LE 15 AVR	1952
1953	---	359 07 LE 29 MAI	348 02 LE 25 MAR	1952
1954	---	359 05 LE 28 MAI	343 52 LE 5 AVR	1954
1955	---	359 05 LE 18 MAI	345 89 LE 14 AVR	1955
1956	---	359 92 LE 8 SEP *	345 21 LE 11 AVR	1956
1957	---	359 05 LE 4 AOU	345 26 LE 16 AVR	1957
1958	---	359 05 LE 26 JUL	346 95 LE 15 AVR	1958
1959	---	359 20 LE 18 AOU	348 46 LE 14 AVR	1959
1960	---	359 05 LE 21 MAI	349 25 LE 13 AVR	1960
1961	---	358 66 LE 19 AOU	341 98 LE 17 AVR	1961
1962	---	359 05 LE 5 JUN	345 76 LE 9 AVR	1962
1963	---	359 05 LE 4 DEC	342 90 LE 16 AVR	1963
1964	---	358 49 LE 24 JUN	343 54 LE 14 AVR	1964
1965	---	359 04 LE 23 OCT	343 05 LE 12 AVR	1965
1966	---	359 07 LE 16 JUN	347 29 LE 14 AVR	1966
1967	---	359 10 LE 10 JUL	346 28 LE 14 AVR	1967
1968	---	358 67 LE 4 JUN	346 13 LE 10 AVR	1968
1969	---	359 05 LE 2 JUN	345 40 LE 27 MAR	1969
1970	---	359 08 LE 7 JUN	343 77 LE 11 AVR	1970
1971	---	358 78 LE 29 MAI	343 80 LE 8 AVR	1971
1972	---	358 95 LE 14 AOU	341 89 LE 16 AVR	1972
1973	---	358 88 LE 31 MAI	348 75 LE 16 AVR	1973
1974	---	358 86 LE 13 JUN	346 62 LE 14 AVR	1974
1975	---	358 99 LE 7 NOV	341 98 LE 16 AVR	1975
1976	---	359 08 LE 20 MAI	350 12 LE 29 MAR	1976
1977	---	358 78 LE 6 JUL	343 48 LE 31 MAR	1977
1978	---	359 02 LE 27 JUN	343 49 LE 11 AVR	1978
1979	---	359 03 LE 13 JUN	344 07 LE 22 MAR	1979
1980	---	358 95 LE 13 NOV	341 22 LE 31 MAR	1980
1981	---	358 91 LE 14 MAI	346 60 LE 19 MAR	1981
1982	---	358 80 LE 7 DEC	340 09 LE 16 MAR *	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	358 74 LE 27 JUN	344 67 LE 9 AVR	1985
1986	---	---	---	1986

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MCDONALD (LAC) A LAKEVIEW - STATION NO 02LC037

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	---	---	---	---	---	---	---	---	8 76	8 82	---	9 18	---	1966
1967	---	8 96	8 94	9 37	9 18	---	---	---	8 89	9 09	9 23	9 12	---	1967
1968	9 05	9 02	9 05	9 41	9 07	8 95	8 92	8 83	8 83	8 85	8 86	8 99	8 95	1968
1969	8 95	9 00	8 95	9 41	---	---	8 85	---	8 92	8 91	9 11	9 12	---	1969
1970	---	9 04	9 02	9 25	9 34	---	---	8 86	8 82	---	9 03	9 02	---	1970
1971	8 89	8 85	8 89	9 13	9 37	8 92	---	---	8 94	8 84	8 83	9 07	---	1971
1972	9 00	8 96	8 95	---	---	---	---	---	---	---	---	---	---	1972
MOYEN	8 97	8 97	8 97	9 31	9 24	8 94	8 91	8 85	8 86	8 82	8 91	9 08	8 95	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 52 42
LONG 74 34 04

BASSIN VERSANT 202 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

MCDONALD (LAC) A LAKEVIEW - STATION NO. 02LC033

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	8.56 LE 6 AVR *	8.79 LE 5 NOV *	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MEGANTIC (LAC) A MEGANTIC - STATION NO. 02PJ001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	48.19	48.55	48.87	---	1982
1983	48.77	48.40	48.25	48.73	48.75	48.77	48.72	48.69	48.72	48.39	48.35	48.70	48.60	1983
1984	48.62	48.63	48.35	48.44	48.70	48.73	48.79	48.65	48.54	47.96R	48.07R	48.69R	48.51R	1984
1985	48.70	48.55	48.50	48.50	48.74	48.72	48.72	48.70	48.71	---	---	---	---	1985
MOYEN	48.70	48.53	48.37	48.56	48.73	48.74	48.74	48.68	48.66	48.18R	48.32R	48.75R	48.56R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 346.027 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 34 25 BASSIN VERSANT 775 km²
LONG 70 53 06 REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

MEGANTIC (LAC) A MEGANTIC - STATION NO. 02PJ001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	49.24 LE 4 MAI	47.98 LE 25 OCT	1983
1984	---	49.28 LE 1 JUN *	47.76 LE 5 AVR *	1984
1985	---	49.06 LE 2 JAN	47.93 LE 28 MAR	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 346.027 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MEMPHREMAGOG (LAC) A MAGOG - STATION NO. 02OE012

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1920	---	---	---	---	---	---	---	---	---	---	---	---	---	1920
1921	207.832	207.622	207.983	208.025	207.837	207.724	207.505	207.844	207.749	207.939	207.936	207.889	---	1921
1922	207.554	207.487	207.746	208.401	208.075	208.158	207.921	207.218	206.873	206.839	207.019	207.469	207.504	1922
1923	207.184	207.156	207.102	207.889	208.173	208.124	207.989	207.750	207.680	207.394	207.198	207.108	207.706	1923
1924	208.022	207.831	207.544	207.976	208.112	208.039	207.935	207.771	207.861	207.552	207.785	208.008	207.703	1924
1925	207.849	208.009	207.925	208.010	208.035	207.883	207.831	207.885	207.829	207.991	208.089	207.800	207.927	1925
1926	207.875	208.027	207.906	207.836	208.105	207.969	207.849	207.801	207.610	207.767	207.925	207.841	207.875	1926
1927	207.739	207.825	207.883	208.025	208.084	207.951	207.738	207.589	207.377	207.285	208.336	208.088	207.810	1927
1928	208.031	207.958	207.567	208.178	208.068	208.021	207.851	207.858	207.848	207.883	207.833	207.864	207.813	1928
1929	207.945	207.780	207.860	208.135	208.104	208.012	207.838	207.659	207.500	207.355	207.376	207.543	207.759	1929
1930	207.819	207.961	207.908	207.966	208.065	208.030	207.855	207.639	207.318	207.219	207.356	207.380	207.708	1930
1931	207.320	207.268	207.255	208.088	208.126	208.037	207.787	207.848	207.793	207.888	207.987	207.905	207.776	1931
1932	208.043	207.857	207.682	208.124	208.123	207.918	207.899	207.866	207.629	207.796	208.054	207.99-	207.916	1932
1933	208.058	207.994	207.873	208.394	208.118	207.891	207.611	207.485	207.321	207.091	207.131	207.234	207.682	1933
1934	207.344	207.362	207.402	208.122	208.125	207.908	207.780	207.490	207.310	207.103	207.197	207.660	207.565	1934
1935	207.922	207.797	207.729	207.841	208.072	208.016	207.874	207.663	207.416	207.385	207.356	207.647	207.726	1935
1936	207.664	207.528	208.006	208.183	208.044	207.879	207.741	207.553	207.616	207.767	208.029	208.040	207.847	1936
1937	208.042	207.957	207.917	208.047	208.130	208.028	207.858	207.688	207.421	207.314	207.721	207.861	207.831	1937
1938	207.736	207.933	208.049	208.116	208.099	207.989	207.842	207.727	207.703	207.798	207.984	207.984	207.885	1938
1939	207.963	207.858	207.808	207.809	208.253	208.051	207.980	207.905	207.627	207.549	207.762	207.770	207.860	1939
1940	207.752	207.618	207.429	207.848	208.299	208.019	207.843	207.605	207.454	207.493	207.737	207.828	207.744	1940
1941	208.134	207.925	207.675	207.939	207.888	207.790	207.624	207.432	207.326	207.336	207.747	207.842	207.720	1941
1942	207.962	207.765	207.728	208.141	208.095	208.068	207.883	207.602	207.452	207.549	207.962	208.057	207.855	1942
1943	207.967	207.765	207.827	207.758	208.097	208.101	208.020	207.964	207.908	207.672	208.009	208.040	207.928	1943
1944	207.889	207.707	207.477	207.854	208.104	207.964	207.909	207.662	207.486	207.689	207.841	207.771	207.780	1944
1945	207.883	207.747	207.955	208.307	208.274	208.113	208.021	207.791	207.636	208.068	208.047	207.995	207.988	1945
1946	207.982	207.812	207.818	207.990	208.041	207.985	207.709	207.451	207.191	207.330	207.706	207.997	207.751	1946
1947	208.065	208.053	207.818	207.971	208.079	208.083	207.989	207.885	207.552	207.255	207.185	207.230	207.782	1947
1948	207.177	207.173	207.470	208.085	208.089	207.956	207.807	207.626	207.447	207.287	207.464	207.817	207.618	1948
1949	208.072	207.936	207.968	208.154	208.014	207.844	207.724	207.474	207.405	207.377	207.504	207.772	207.765	1949
1950	208.096	207.979	207.741	208.123	208.066	207.980	207.742	207.605	207.697	207.571	207.710	208.080	207.863	1950
1951	207.890	207.763	207.715	208.208	208.090	207.987	208.010	207.885	207.553	207.383	207.551	207.856	207.821	1951
1952	208.008	208.029	207.828	208.135	208.045	208.105	207.876	207.562	207.369	207.319	207.254	207.510	207.752	1952
1953	207.810	208.005	208.105	208.148	208.071	207.824	207.706	207.617	207.408	207.210	207.147	207.462	207.708	1953
1954	207.548	207.454	207.947	208.295	208.129	208.085	207.909	207.802	207.905	208.050	207.918	208.019	207.924	1954
1955	207.975	207.668	207.643	208.089	208.034	207.917	207.648	207.514	207.433	207.193	207.371	207.453	207.659	1955
1956	207.470	207.486	207.314	207.791	208.079	207.963	207.813	207.592	207.440	207.400	207.348	207.542	207.603	1956
1957	207.680	207.623	207.581	207.845	208.070	207.894	207.980	207.790	207.476	207.318	207.429	207.960	207.729	1957
1958	208.040	207.886	207.634	208.039	208.077	207.871	207.951	207.979	207.707	207.609	207.911	207.727	207.877	1958
1959	207.515	207.490	207.284	208.086	208.053	207.902	207.787	207.640	207.487	207.584	208.082	208.145	207.754	1959
1960	207.999	207.778	207.414	208.112	208.094	207.882	207.783	207.604	207.391	207.387	207.620	207.628	207.724	1960
1961	207.560	207.474	207.789	207.911	208.064	208.029	207.939	207.838	207.478	207.181	207.194	207.494	207.664	1961
1962	207.614	207.452	207.225	207.970	207.980	207.795	207.577	207.905	207.858	208.005	208.032	207.907	207.778	1962
1963	207.727	207.523	207.224	208.085	208.017	207.841	207.746	207.799	207.727	207.461	207.455	207.573	207.682	1963
1964	207.447	207.358	207.646	207.981	208.011	207.757	207.474	207.373	207.274	207.135	207.241	207.395	207.508	1964
1965	207.618	207.520	207.393	207.584	207.905	207.793	207.694	207.608	207.572	207.834	207.909	207.863	207.692	1965
1966	207.785	207.619	207.727	207.783	207.974	207.780	207.536	207.519	207.348	207.181	207.205	207.534	207.572	1966
1967	207.545	207.451	207.256	207.806	207.967	207.983	207.841	207.709	207.469	207.567	207.829	207.886	207.694	1967
1968	207.714	207.517	207.495	207.908	207.978	207.876	207.854	207.573	207.223	207.064	207.088	207.578	207.573	1968
1969	207.529	207.395	207.163	208.015	208.101	207.825	207.981	207.962	207.859	207.575	207.754	207.853	207.759	1969
1970	207.521	207.340	207.165	207.688	208.072	207.896	207.868	207.800	207.808	207.803	207.808	207.849	207.687	1970
1971	207.510	207.232	207.152	207.539	208.141	207.921	207.760	207.810	207.945	207.715	207.442	207.387	207.633	1971
1972	207.391	207.069	207.111	207.511	208.184	208.020	207.932	207.868	207.636	207.524	207.694	207.821	207.650	1972
1973	207.887	207.851	207.717	207.960	208.091	208.004	208.004	207.710	207.790	207.854	207.745	207.897	207.885	1973
1974	207.886	207.809	207.597	207.905	208.157	208.015	207.932	207.802	207.521	207.378	207.484	207.849	207.765	1974
1975	207.534	207.250	207.200	207.494	207.821	207.822	207.682	207.582	207.588	207.755	207.887	207.731	207.613	1975
1976	207.428	207.410	207.523	208.124	207.885	207.650	207.708	207.783	207.581	207.732	207.756	207.684	207.685	1976
1977	207.403	207.084	207.367	207.794	207.667	207.498	207.438	207.337	207.820	207.908	207.811	207.794	207.563	1977
1978	207.794	207.408	207.097	207.881	207.938	207.945	207.706	207.581	207.376	207.385	207.387	207.320	207.549	1978
1979	207.539	207.209	207.499	207.904	207.812	207.836	207.837	207.546	207.553	207.387	207.568	207.720	207.603	1979
1980	207.648	207.357	207.259	207.802	207.874	207.803	207.685	207.578	207.521	207.557	207.808	207.857	207.645	1980
1981	207.484	207.576	207.780	207.844	207.980	207.915	207.848	207.712	207.689	207.807	207.813	207.825	207.771	1981
1982	207.596	207.219	207.135	207.967	208.061	207.798	207.852	207.465	207.441	207.394	207.588	207.730	207.587	1982
1983	207.737	207.613	207.514	208.021	208.121	207.888	207.580	207.530	207.401	207.346	207.702	207.891	207.702	1983
1984	207.695	207.454	207.403	207.734	207.934	207.861	207.778	207.620	207.309	207.184	207.280	207.888	207.572	1984
1985	207.793	207.402	207.504	207.713	207.886	207.888	207.796	207.656	207.542	207.531	207.721	207.744	207.682	1985
MOYEN	207.742	207.619	207.592	207.967	208.047	207.833	207.788	207.680	207.549	207.516	207.638	207.780	207.735	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA (ANCIEN DATUM)
AJOUTER 0.040 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT. 45 16 01
LONG 72 09 38

REGULARISE

STATION INTERNATIONALES DE JAUGEAGE

MEMPHREMAGOG (LAC) A MAGOG - STATION NO 020E012

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1920	---	---	---	1920
1921	---	208.294 LE 23 MAR	206.758 LE 7 OCT *	1921
1922	---	208.700 LE 14 AVR	207.078 LE 20 DEC	1922
1923	---	208.447 LE 2 MAI	207.045 LE 1 MAR	1923
1924	---	208.200 LE 14 SEP	207.499 LE 17 MAR	1924
1925	---	208.285 LE 19 NOV	207.679 LE 3 SEP	1925
1926	---	208.407 LE 27 AVR	207.551 LE 18 SEP	1926
1927	---	209.224 LE 6 NOV *	207.212 LE 9 OCT	1927
1928	---	208.642 LE 10 AVR	207.483 LE 13 MAR	1928
1929	---	208.270 LE 10 AVR	207.291 LE 26 OCT	1929
1930	---	208.206 LE 28 FEV	207.133 LE 30 SEP	1930
1931	---	208.197 LE 27 AVR	207.191 LE 11 MAR	1931
1932	---	208.428 LE 13 AVR	207.544 LE 24 MAR	1932
1933	---	208.907 LE 20 AVR	207.054 LE 16 OCT	1933
1934	---	208.309 LE 19 AVR	207.020 LE 1 NOV	1934
1935	---	208.130 LE 2 MAI	207.252 LE 8 NOV	1935
1936	---	208.892 LE 23 MAR	207.337 LE 10 MAR	1936
1937	---	208.288 LE 22 MAI	207.160 LE 15 OCT	1937
1938	---	208.337 LE 26 MAR	207.593 LE 10 SEP	1938
1939	---	208.684 LE 30 AVR	207.435 LE 17 AVR	1939
1940	---	208.736 LE 6 MAI	207.288 LE 29 MAR	1940
1941	---	208.294 LE 16 AVR	207.249 LE 2 OCT	1941
1942	---	208.468 LE 20 AVR	207.419 LE 16 SEP	1942
1943	---	208.279 LE 17 JUN	207.566 LE 13 AVR	1943
1944	---	208.224 LE 8 MAI	207.401 LE 14 SEP	1944
1945	---	208.459 LE 1 AVR	207.438 LE 14 SEP	1945
1946	---	208.090 LE 14 DEC	207.133 LE 23 SEP	1946
1947	---	208.294 LE 4 JUN	207.118 LE 6 NOV	1947
1948	---	208.133 LE 16 MAI	207.151 LE 4 FEV	1948
1949	---	208.428 LE 30 MAR	207.331 LE 26 AOU	1949
1950	---	208.352 LE 23 AVR	207.520 LE 8 OCT	1950
1951	---	208.328 LE 16 AVR	207.316 LE 21 OCT	1951
1952	---	208.337 LE 4 JUN	207.215 LE 17 NOV	1952
1953	---	208.419 LE 28 MAR	207.109 LE 16 NOV	1953
1954	---	208.526 LE 24 AVR	207.368 LE 14 FEV	1954
1955	---	208.434 LE 20 AVR	207.139 LE 29 OCT	1955
1956	---	208.206 LE 1 MAI	207.170 LE 3 AVR	1956
1957	---	208.291 LE 23 DEC	207.258 LE 17 OCT	1957
1958	---	208.590 LE 24 AVR	207.502 LE 15 OCT	1958
1959	---	208.386 LE 1 DEC	207.212 LE 20 MAR	1959
1960	---	208.352 LE 20 AVR	207.255 LE 28 MAR	1960
1961	---	208.227 LE 28 AVR	207.115 LE 28 OCT	1961
1962	---	208.221 LE 11 AVR	207.157 LE 19 MAR	1962
1963	---	208.282 LE 23 AVR	207.139 LE 23 MAR	1963
1964	---	208.276 LE 17 AVR	207.093 LE 16 OCT	1964
1965	---	208.047 LE 21 NOV	207.160 LE 5 AVR	1965
1966	208.041 LE 23 MAI A 0700 HNE	208.035 LE 23 MAI	207.098 LE 19 OCT	1966
1967	208.090 LE 20 MAI A 1020 HNE	208.066 LE 18 JUN	207.212 LE 25 MAR	1967
1968	208.127 LE 1 AVR A 0615 HNE	208.111 LE 1 AVR	206.974 LE 8 NOV	1968
1969	208.608 LE 21 AVR A 0555 HNE *	208.586 LE 20 AVR	207.069 LE 19 MAR	1969
1970	208.395 LE 28 AVR A 0750 HNE	208.380 LE 28 AVR	207.115 LE 20 MAR	1970
1971	208.309 LE 7 MAI A 1210 HNE	208.297 LE 7 MAI	207.109 LE 2 AVR	1971
1972	208.556 LE 7 MAI A 0520 HNE	208.541 LE 8 MAI	206.996 LE 18 FEV	1972
1973	208.425 LE 2 JUL A 1845 HNE	208.404 LE 3 JUL	207.383 LE 7 MAR	1973
1974	208.383 LE 1 MAI A 1327 HNE	208.346 LE 1 MAI	207.313 LE 2 AVR	1974
1975	208.083 LE 24 NOV A 0610 HNE	208.038 LE 24 NOV	207.045 LE 19 MAR	1975
1976	208.565 LE 4 AVR A 0634 HNE	208.562 LE 4 AVR	207.301 LE 27 JAN	1976
1977	208.136 LE 4 OCT A 1435 HNE	208.120 LE 3 OCT	207.002 LE 4 MAR	1977
1978	208.245 LE 22 JUN A 1250 HNE	208.215 LE 30 AVR	207.060 LE 22 MAR	1978
1979	208.147 LE 6 AVR A 0920 HNE	208.089 LE 5 AVR	207.030 LE 3 MAR	1979
1980	208.050 LE 3 DEC A 2255 HNE	208.023 LE 9 DEC	207.169 LE 17 MAR	1980
1981	208.086 LE 18 MAI A 1141 HNE	208.072 LE 18 MAI	207.323E LE 1 FEV	1981
1982	208.470 LE 23 AVR A 2150 HNE	208.436 LE 23 AVR	207.051 LE 11 MAR	1982
1983	208.342 LE 4 MAI A 0601 HNE	208.311 LE 4 MAI	207.284 LE 4 OCT	1983
1984	208.207 LE 1 JUN A 2303 HNE	208.180 LE 3 JUN	207.104 LE 3 NOV	1984
1985	207.995 LE 8 MAI A 0132 HNE	207.940 LE 7 MAI	207.256 LE 23 FEV	1985

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA (ANCIEN DATUM)
AJOUTER 0.040 m POUR OBTENIR LES COTES GEODESIQUES

E - ESTIMATIVE * - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MILLE ILES (RIVIERE DES) A BOIS-DES-FILION - STATION NO 020A003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1961	---	---	19.543	20.021	20.051	19.778	19.684	19.547	19.544	19.596	19.526	19.690	---	1961
1962	19.809	19.902	19.888	20.393	20.272	19.632	19.312	19.235	19.209	19.316	19.426	19.349	19.626	1962
1963	19.439	19.498	19.425	20.378	19.998	19.612	19.339	19.176	19.355	19.351	19.539	19.833	19.576	1963
1964	19.735	19.634	19.753	20.080	19.934	19.727	19.471	19.252	19.198	19.328	19.382	19.534	19.585	1964
1965	19.644	19.702	19.639	19.907	20.211	19.633	19.342	19.427	19.691	20.373	20.169	20.094	19.820	1965
1966	20.280	20.085	20.256	20.364	20.172	19.876	19.524	19.530	19.434	19.577	19.822	20.490	19.957	1966
1967	20.117	20.229	19.819	20.710	20.545	20.243	19.925	19.517	19.480	19.880	20.453	20.064	20.079	1967
1968	20.332	20.168	20.127	20.499	19.739	19.649	19.706	19.440	19.430	19.458	19.506	19.656	19.808	1968
1969	19.870	19.757	19.716	20.497	20.591	20.052	19.728	19.584	19.373	19.480	19.923	19.898	19.872	1969
1970	19.897	19.719	19.663	20.246	20.590	20.101	19.973	19.725	19.457	19.596	19.765	19.769	19.678	1970
1971	19.847	19.835	19.934	20.481	20.507	19.724	19.355	19.258	19.301	19.338	19.342	19.525	19.710	1971
1972	19.593	19.664	19.666	20.351	20.854	20.136	20.156	19.964	19.813	19.678	20.168	20.017	20.023	1972
1973	20.145	20.121	20.565	20.706	20.599	20.268	20.031	19.687	19.559	19.734	19.771	19.890	20.090	1973
1974	19.958	19.884	20.121	20.637	21.237	20.736	20.059	19.600	19.432	19.526	19.855	19.895	20.075	1974
1975	19.909	19.911	19.897	20.310	20.287	19.954	19.389	19.149	19.227	19.413	19.556	19.848	19.737	1975
1976	19.963	19.972	20.208	21.154	20.694	19.984	19.820	19.564	19.477	19.579	19.466	19.605	19.956	1976
1977	19.912	19.661	20.193	20.559	19.966	19.376	19.370	19.277	19.364	19.582	19.737	20.129	19.773	1977
1978	20.414	20.285	19.829	20.487	20.355	19.704	19.408	19.285	19.207	19.492	19.485	19.564	19.790	1978
MOYEN	19.933	19.889	19.891	20.432	20.367	19.905	19.644	19.457	19.421	19.589	19.716	19.827	19.845	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 0.073 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 39 47
LONG 73 45 09 REGULARISE

MILLE ILES (RIVIERE DES) A BOIS-DES-FILION - STATION NO 020A003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1961				1961
1962	---	20.260 LE 3 MAI	19.358 LE 21 MAR	1962
1963	---	20.842 LE 10 AVR	19.135 LE 5 SEP	1963
1964	---	20.987 LE 5 AVR	19.126 LE 7 AOU	1964
1965	---	20.804 LE 25 AVR	19.132 LE 20 SEP	1965
1966	---			1966
1967	---	20.553 LE 21 OCT	19.175 LE 3 AOU	1967
1968	---	20.838 LE 27 AVR	19.284 LE 20 SEP	1968
1969	---	20.970 LE 4 AVR	19.385 LE 19 SEP	1969
1970	---	20.943 LE 1 AVR	19.285 LE 5 SEP	1970
1971	---	20.891 LE 21 MAI	19.300 LE 2 SEP	1971
1972	---	20.961 LE 24 MAI	19.327 LE 8 SEP	1972
1973	---	21.217 LE 22 AVR	19.183 LE 9 SEP	1973
1974	---	21.217 LE 7 MAI	19.486 LE 4 JAN	1974
1975	---	21.235 LE 20 MAR	19.489 LE 24 SEP	1975
1976	---	21.540 LE 22 MAI	19.312 LE 7 SEP	1976
1977	---	21.074 LE 22 AVR		1977
1978	---	21.571 LE 3 AVR *	19.056 LE 17 AOU *	1978
		21.312 LE 17 MAR	19.276 LE 15 NOV	
		20.952 LE 18 AVR	19.215 LE 17 AOU	
			19.108 LE 12 SEP	

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 0.073 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MILLE ILES (RIVIERE DES) A LAVAL OUEST - STATION NO 020A015

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	---	---	---	---	4.800	4.130	3.703	3.477	3.737	3.704	3.982	4.403	---	1963
1964	4.319	4.207	4.428	4.950	4.592	4.316	3.923	3.573	3.478	3.844	3.710	3.934	4.087	1964
1965	4.118	4.258	4.163	4.613	5.189	4.187	3.693	3.832	4.261	5.401	5.051	4.588	4.472	1965
1966	5.026	4.775	5.285	5.398	5.050	4.856	3.812	3.850	3.645	3.630	4.231	5.287	4.570	1966
1967	4.642	4.763	4.266	5.790	5.405	4.943	4.442	3.782	3.708	4.324	5.320	4.629	4.664	1967
1968	4.829	4.717	4.762	5.476	4.170	3.971	4.115	3.703	3.618	3.615	3.685	3.956	4.216	1968
1969	4.303	4.284	4.183	5.443	5.584	4.632	4.106	3.927	3.541	3.648	4.400	4.373	4.368	1969
1970	4.236	4.106	4.092	5.026	5.430	4.753	4.576	4.186	3.709	3.893	4.142	4.160	4.362	1970
1971	4.276	4.402	4.424	5.476	5.491	4.105	3.570	3.448	3.430	3.434	3.427	3.758	4.101	1971
1972	3.953	4.076	4.136	5.258	6.132	4.876	4.901	4.576	4.307	4.399	4.900	4.566	4.875	1972
1973	4.724	4.829	5.759	5.903	5.708	5.119	4.684	4.161	3.947	4.171	4.224	4.613	4.808	1973
1974	4.546	4.537	4.999	5.824	6.816	5.955	4.787	4.046	---	---	---	---	---	1974
1975	---	---	4.595	5.238	5.242	4.634	3.688	3.277	3.384	3.624	3.829	4.241	---	1975
1976	4.401	4.488	4.943	6.635	5.826	4.606	4.351	3.954	3.763	3.885	3.824	4.092	4.562	1976
1977	4.480	4.186	5.093	5.688	4.663	3.841	3.570	3.507	3.594	4.090	4.176	4.804	4.301	1977
1978	5.074	4.895	4.421	5.556	5.288	4.156	3.717	3.613	3.520	3.915	3.883	3.965	4.336	1978
1979	4.546	4.655	5.265	6.172	6.537	4.980	4.306	4.120	---	---	---	---	---	1979
MOYEN	4.498	4.484	4.674	5.528	5.413	4.557	4.121	3.828	3.708	3.972	4.167	4.372	4.428	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 15.948 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 32 27
LONG 73 52 53 REGULARISE

MILLE ILES (RIVIERE DES) A LAVAL OUEST - STATION NO 020A015

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	---	3.370 LE 13 AOU	1963
1964	---	5.708 LE 25 AVR	3.385 LE 21 SEP	1964
1965	---	5.705 LE 25 OCT	3.443 LE 3 AOU	1965
1966	---	6.263 LE 27 AVR	3.395 LE 20 SEP	1966
1967	---	6.257 LE 4 AVR	3.538 LE 19 SEP	1967
1968	---	6.147 LE 1 AVR	3.425 LE 3 SEP	1968
1969	---	6.101 LE 21 MAI	3.410 LE 23 SEP	1969
1970	6.085 LE 17 AVR A 1445 HNE	6.037 LE 7 MAI	3.492 LE 8 SEP	1970
1971	6.769 LE 22 AVR A 1030 HNE	6.741 LE 22 AVR	3.239 LE 8 SEP	1971
1972	6.805 LE 8 MAI A 0620 HNE	6.787 LE 8 MAI	3.776 LE 4 JAN	1972
1973	6.942 LE 20 MAR A 0250 HNE	6.886 LE 20 MAR	3.824A LE 18 SEP	1973
1974	7.345 LE 22 MAI A 1030 HNE	7.320 LE 22 MAI	3.529A LE 6 SEP	1974
1975	6.585 LE 22 AVR A 0756 HNE	6.510 LE 22 AVR	3.114 LE 21 AOU *	1975
1976	7.573 LE 4 AVR A 0834 HNE *	7.564 LE 4 AVR *	3.581 LE 15 NOV	1976
1977	6.741 LE 17 MAR A 0505 HNE	6.714 LE 17 MAR	3.416 LE 16 SEP	1977
1978	6.373 LE 16 AVR A 0415 HNE	6.354 LE 16 AVR	3.428 LE 11 SEP	1978
1979	---	---	---	1979

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 15.948 m POUR OBTENIR LES COTES GEODESIQUES

A - JAUGE MANUELLE
(VOIR INDEX DE REFRENCE)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MILLE-ILES (RIVIERE DES) AU BARRAGE DE TERREBONNE - STATION NO 020A088

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	---	13.87	14.00	---	1982
1983	14.13	14.12	14.08	14.13	14.17	13.92	13.77	13.71	13.67	13.72	13.86	---	---	1983
1984	13.90	13.97	14.05	14.25	14.02	14.07	13.93	13.80	---	---	13.78P	13.84R	---	1984
1985	14.10	14.15	14.22	14.12	14.18	13.89	13.81	13.87	13.78	---	---	---	---	1985
MOYEN	14.04	14.08	14.12	14.17	14.12	13.96	13.84	13.79	13.73	13.72	13.84R	13.92R	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 41 35
LONG 73 38 58

BASSIN VERSANT 146 000 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

MILLE-ILES (RIVIERE DES) AU BARRAGE DE TERREBONNE - STATION NO 020A088

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	14.56 LE 17 MAR *	13.74 LE 24 SEP *	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MINTO (LAC) - STATION NO 03JA002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1983	---	---	---	26.03	26.30	27.07	---	---	---	---	26.66	26.48	---	1983
1984	26.30	26.16	26.06	25.97	26.29	26.71	26.87	27.10	27.03	26.86R	26.82R	26.62R	26.57R	1984
1985	26.39	26.23	26.12	26.05	26.04	---	---	---	---	---	---	---	---	1985
MOYEN	26.35	26.20	26.09	26.02	26.21	26.89	26.87	27.10	27.03	26.86R	26.74R	26.58R	26.57R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 57 17 47
LONG 74 45 00

BASSIN VERSANT 5 540 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

MINTO (LAC) - STATION NO 03JA002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1983	---	---	---	1983
1984	---	29.96 LE 16 AOU *	25.95 LE 21 AVR *	1984
1985	---	---	---	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MISTASSINI (LAC) - STATION NO 038A001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1962	---	---	22.96	22.80	23.07	23.75	23.66	23.57	23.59	23.63	23.40	23.16	---	1962
1963	23.00	22.84	22.73	22.66	22.86	23.62	23.91	23.89	---	---	---	23.17	---	1963
1964	23.10	22.99	22.94	22.87	---	---	---	---	---	---	---	23.70	---	1964
1965	---	---	23.10	---	---	23.86	24.11	---	24.25	24.08	---	---	---	1965
1967	---	23.60	23.34	23.13	---	23.67	23.80	---	---	---	---	---	---	1967
1973	---	---	---	---	23.64	24.36	24.44	24.08	23.93	23.83	23.90	---	---	1973
1974	---	---	---	22.98	23.09	---	24.56	24.21	23.93	23.87	---	---	---	1974
1975	---	---	---	---	---	---	24.09	24.07	23.84	23.72	23.69	---	---	1975
1976	---	---	23.08	23.05	---	---	24.28	---	---	---	---	---	---	1976
1977	---	---	---	22.97	---	---	---	---	---	24.02	---	---	---	1977
1978	---	---	---	---	23.28	---	---	---	24.06	24.00	23.85	23.63	---	1978
1979	---	---	---	---	23.82	24.54	24.54	24.38	24.29	24.34	24.26	24.02	---	1979
1980	23.74	23.50	23.27	---	---	---	---	---	---	---	---	---	---	1980
1981	---	23.09	22.96	---	---	24.00	---	23.88	---	23.87	23.89	---	---	1981
1982	---	22.93	22.80	22.85	23.38	24.30	24.31	23.87	23.72	23.63	23.48	23.29	---	1982
MOYEN	23.28	23.16	23.02	22.91	23.29	24.01	24.17	24.02	23.95	23.91	23.76	23.50	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 350 624 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 50 24 40
LONG 73 52 30

BASSIN VERSANT 18 100 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

MITCHINAMECUS (RIVIERE) AU RESERVOIR MITCHINAMECUS - STATION NO 02LE014

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1941	---	---	---	---	---	370.60	---	370.56	371.68	372.70	373.73	374.07	---	1941
1942	374.80	375.27	376.67	376.15	378.55	379.10	379.56	380.02	380.18	380.27	379.52	379.22	378.20	1942
1943	378.58	376.89	373.80	371.78	375.24	378.85	378.68	379.23	380.12	380.48	381.03	380.18	377.92	1943
1944	378.54	375.96	372.94	371.31	374.10	376.20	376.96	376.11	378.52	379.38	379.17	377.45	376.56	1944
1945	374.62	372.08	371.13	373.78	376.96	377.17	377.20	377.40	378.03	378.84	379.22	377.74	376.20	1945
1946	374.89	371.85	371.14	372.28	376.03	377.32	376.46	376.95	377.35	378.07	379.35	380.03	376.00	1946
1947	380.31	380.35	380.26	380.63	382.43	382.76	382.27	382.53	382.71	382.82	382.52	382.06	381.81	1947
1948	380.52	378.03	375.13	375.10	377.50	377.59	377.59	376.55	378.96	379.04	377.53	374.87	377.54	1948
1949	372.14	371.19	370.98	372.13	376.07	376.81	377.44	377.75	378.05	378.85	377.17	374.08	375.27	1949
1950	371.91	371.60	372.12	373.36	375.39	377.68	378.61	378.28	379.84	380.21	380.88	380.00	378.77	1950
1951	377.84	376.43	376.68	378.05	380.30	380.46	381.01	381.40	381.77	382.48	382.15	381.18	380.00	1951
1952	380.60	379.96	379.12	379.04	381.28	382.21	382.72	382.85	382.82	382.71	382.59	380.94	381.41	1952
1953	378.74	378.48	376.92	380.89	382.01	382.11	382.28	382.23	381.38	378.88	375.38	372.41	379.48	1953
1954	371.11	370.65	370.72	372.46	377.04	378.75	379.60	380.12	380.77	382.16	382.70	382.77	377.45	1954
1955	382.20	381.03	379.79	378.98	381.17	381.88	381.93	381.95	381.63	381.13	380.80	378.49	380.97	1955
1956	377.73	375.03	372.06	371.55	374.98	376.66	377.12	378.28	379.65	380.91	381.56	382.11	377.32	1956
1957	381.94	381.21	380.11	379.84	381.44	381.16	382.44	382.72	382.86	382.82	382.87	382.78	381.85	1957
1958	382.73	382.60	382.15	382.17	382.69	382.74	382.90	382.80	382.93	382.90	382.78	382.72	382.69	1958
1959	382.57	381.38	379.68	378.44	379.75	380.18	380.86	381.63	382.38	382.67	382.88	382.76	381.28	1959
1960	382.30	381.15	380.06	379.71	382.23	382.28	382.71	382.76	382.72	382.67	382.79	382.71	382.01	1960
1961	381.74	379.95	378.38	377.92	379.89	380.20	380.63	381.50	382.24	382.59	382.73	382.76	380.85	1961
1962	382.08	380.68	379.36	378.99	380.88	381.16	381.39	381.40	381.12	380.74	379.67	378.55	380.50	1962
1963	377.07	374.82	372.93	372.52	375.73	376.97	377.13	377.55	378.66	379.10	379.29	379.22	376.77	1963
1964	378.25	377.82	377.60	---	380.16	380.21	---	381.12	381.84	381.69	381.58	380.60	---	1964
1965	378.80	377.52	377.04	376.64	376.65	379.15	379.10	379.78	380.52	381.64	382.61	382.66	379.52	1965
1966	382.26	381.49	---	380.23	381.63	---	382.44	382.68	382.76	382.67	382.53	381.74	---	1966
1967	380.78	380.22	378.14	378.75	380.67	382.06	382.65	382.38	380.91	381.07	382.45	382.60	381.15	1967
1968	---	---	---	---	---	---	---	---	---	---	---	379.75	---	1968
1969	377.88	375.98	374.08	373.66	376.79	376.66	379.30	380.06	381.04	381.62	381.07	380.02	378.36	1969
1970	378.87	378.09	377.09	375.80	378.82	380.83	381.67	382.46	382.39	382.70	382.52	381.87	380.28	1970
1971	380.39	379.02	377.60	376.48	378.52	380.23	---	380.55	380.30	380.76	379.66	377.34	---	1971
1972	374.04	371.64	371.26	371.62	375.55	376.57	379.80	380.68	381.49	---	---	382.07	---	1972
1973	380.70	379.66	378.98	379.69	381.86	382.84	382.73	---	---	382.89	382.63	---	---	1973
1974	---	378.23	---	---	381.65	---	---	---	---	---	380.67	380.43	---	1974
1975	---	---	377.89	377.02	378.85	380.49	380.98	380.66	377.36	---	---	---	---	1975
1976	---	---	---	---	---	379.05	376.77	376.55	378.38	---	---	---	---	1976
1977	374.08	---	---	---	---	379.78	380.22	380.77	380.64	380.87	376.16	375.56	---	1977
1978	377.79	376.17	375.82	374.31	378.82	379.23	380.43	380.51	378.36	377.87	380.37	379.15	---	1978
1979	373.02	371.69	371.29	374.12	378.49	379.93	380.25	378.25	377.79	378.07	376.16	374.61	377.74	1979
1980	379.80	379.27	378.32	376.66	379.73	378.95	378.76	377.75	377.60	378.44	378.86	378.45	376.88	1980
1981	376.77	---	---	379.33	381.61	382.70	---	---	---	379.54	379.83	378.85	---	1981
1982	375.23	374.30	373.09	372.56	376.76	376.05	378.62	377.18	378.03	376.53	376.80	376.04	---	1982
1983	378.17	378.39	377.65	377.63	380.71	382.67	382.66	381.03	378.53	377.67	377.36	377.23	376.07	1983
1984	376.80	375.80	375.44	376.26	378.86	380.91	381.78	382.27	382.47	381.26R	380.10R	379.35R	379.15	1984
1985	378.69	377.78	376.94	376.08	378.78	378.94	380.23	381.35	381.12	---	---	---	---	1985
MOYEN	378.22	377.17	376.12	378.28	378.88	379.65	380.20	380.17	380.16	380.38R	380.13R	379.47R	378.84R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 12 51
LONG 78 10 38

BASSIN VERSANT 932 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R REVISEE DEPUIS JAN 1980

MITCHINAMECUS (RIVIERE) AU RESERVOIR MITCHINAMECUS - STATION NO. 02LE014

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1941	---	---	---	1941
1942	---	380.42 LE 9 OCT	374.26 LE 1 JAN	1942
1943	---	381.30 LE 29 NOV	371.34 LE 9 AVR	1943
1944	---	379.66 LE 28 OCT	371.03 LE 19 AVR	1944
1945	---	379.35 LE 6 NOV	371.05 LE 15 MAR	1945
1946	---	380.24 LE 30 DEC	371.08 LE 13 MAR	1946
1947	---	383.04 LE 26 MAI *	380.21 LE 29 MAR	1947
1948	---	381.42 LE 1 JAN	373.13 LE 21 DEC	1948
1949	---	376.93 LE 27 OCT	370.81 LE 20 MAR	1949
1950	---	381.18 LE 22 NOV	345.79 LE 12 MAI *	1950
1951	---	382.58 LE 12 OCT	376.33 LE 7 FEV	1951
1952	---	382.92 LE 11 ADU	378.68 LE 2 AVR	1952
1953	---	382.31 LE 20 JUL	371.70 LE 31 DEC	1953
1954	---	382.83 LE 24 NOV	370.24 LE 3 MAR	1954
1955	---	382.61 LE 1 JAN	378.19 LE 12 AVR	1955
1956	---	382.19 LE 14 DEC	371.05 LE 8 AVR	1956
1957	---	382.95 LE 16 SEP	378.47 LE 31 MAR	1957
1958	---	383.04 LE 11 SEP	381.79 LE 1 AVR	1958
1959	---	382.95 LE 16 NOV	378.07 LE 17 AVR	1959
1960	---	382.89 LE 21 NOV	375.28 LE 5 AVR	1960
1961	---	382.60 LE 29 NOV	377.58 LE 4 AVR	1961
1962	---	382.58 LE 1 JAN	377.92 LE 31 DEC	1962
1963	---	379.53 LE 2 DEC	371.91 LE 1 AVR	1963
1964	---	---	---	1964
1965	---	382.68 LE 19 NOV	376.39 LE 10 AVR	1965
1966	---	---	---	1966
1967	---	382.69 LE 14 JUL	378.39 LE 6 AVR	1967
1968	---	---	---	1968
1969	---	381.82 LE 20 OCT	373.18 LE 4 AVR	1969
1970	---	382.73 LE 15 OCT	376.43 LE 14 AVR	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	380.63 LE 6 ADU	373.96 LE 31 DEC	1978
1979	---	380.37 LE 17 JUL	371.10 LE 14 MAR	1979
1980	---	380.15 LE 13 MAI	377.28 LE 17 SEP	1980
1981	---	---	---	1981
1982	---	378.69 LE 10 JUL	371.90 LE 5 AVR	1982
1983	---	382.80 LE 24 JUN	377.10 LE 31 DEC	1983
1984	---	382.63 LE 11 SEP	375.27 LE 5 AVR	1984
1985	---	381.46 LE 20 ADU	375.74 LE 15 AVR	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MONDONAC (RIVIERE) AU RESEVOIR MONDONAC - STATION NO. 02NB005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	ADU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	0.70	0.58	0.54	0.63	2.17	2.38	2.06	2.28	2.75	2.85	2.53	2.55	1.85	1963
1964	1.28	0.79	0.55	0.79	1.87	1.87	2.09	2.63	3.10	3.44	3.41	2.40	2.04	1964
1965	1.46	0.81	0.65	0.91	2.09	3.03	2.86	2.87	2.86	3.24	3.85	3.23	2.34	1965
1966	1.58	0.91	0.69	0.88	2.33	3.29	3.64	4.01	3.84	3.40	3.53	3.81	2.69	1966
1967	2.62	1.21	0.92	0.78	2.14	3.44	4.11	3.23	3.04	3.52	4.10	3.83	2.74	1967
1968	1.95	0.89	0.39	1.12	2.80	3.18	2.47	2.83	2.81	---	---	---	---	1968
MOYEN	1.60	0.87	0.64	0.90	2.22	2.87	2.88	2.98	3.11	3.30	3.48	3.12	2.33	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 27 08 BASSIN VERSANT 326 km²
LONG 73 55 58 REGULARISE

DONNEES FOURNIES PAR - HYDRO-QUEBEC

MONDONAC (RIVIERE) AU RESEVOIR MONDONAC - STATION NO. 02NB005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	3.10 LE 16 OCT	0.62 LE 23 MAR	1963
1964	---	3.85 LE 9 NOV	0.50 LE 4 AVR *	1964
1965	---	3.93 LE 18 NOV	0.84 LE 15 MAR	1965
1966	---	4.11 LE 24 ADU	0.84 LE 23 MAR	1966
1967	---	4.31 LE 13 JUL *	0.69 LE 20 AVR	1967
1968	---	---	---	1968

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MONROE (LAC) - STATION NO. 02LC087

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	---	---	---	---	---	29.24	29.34	29.18	29.08	---	1977
1978	29.02	28.98	28.91	29.00	29.55	29.37	29.35	29.18	29.29	29.40	29.28	29.27	29.22	1978
1979	29.25	29.16	29.39	29.41	29.26	29.26	29.15	29.22	29.44	29.47	29.19	28.95	29.26	1979
1980	---	28.70	28.63	29.22	29.38	29.30	29.22	29.30	29.48	29.69	29.44	29.23	---	1980
1981	29.10	29.44	29.27	29.78	29.27	29.23	29.03	28.87	28.91	29.21	---	---	---	1981
1982	---	29.31	29.31	29.55	29.58	29.33	29.30	29.24	29.30	29.31	29.38	29.47	---	1982
1983	29.42	29.35	29.35	29.51	29.74	29.42	29.29	29.24	29.19	29.30	29.38	29.33	29.38	1983
1984	29.27	29.33	29.32	29.61	29.48	29.38	29.46	29.33	---	---	29.38R	29.37R	---	1984
1985	29.31	29.28	29.31	29.59	29.68	29.35	29.37	---	---	---	---	---	---	1985
MOYEN	29.23	29.19	29.19	29.46	29.48	29.33	29.27	29.20	29.28	29.38	29.33R	29.24R	29.29	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 19 07
LONG 74 30 36

BASSIN VERSANT, 432 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

MONROE (LAC) - STATION NO 02LC087

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	30.15 LE 11 MAI	28.67 LE 11 AVR *	1979
1980	---	30.57 LE 29 AVR *	28.78 LE 31 DEC	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	30.00 LE 4 MAI	28.78 LE 15 SEP	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MONTMORENCY (RIVIERE) EN AVAL DU RUISSEAU DES BRULES - STATION NO 02PD005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	---	---	---	---	---	29.24	29.27	29.21	29.14	---	1977
1978	29.19	29.13	29.10	29.11	29.58	29.33	29.19	29.17	29.17	29.21	29.15	29.13	29.21	1978
1979	29.12	29.13	29.16	29.34	29.50	29.29	29.18	29.22	29.36	29.26	29.21	29.19	29.24	1979
1980	29.17	29.14	29.12	29.23	29.39	29.28	29.23	29.19	29.24	29.26	29.19	29.14	29.22	1980
1981	29.11	29.25	29.20	29.44	29.53	29.33	29.23	29.23	29.17	29.22	29.18	29.13	29.25	1981
1982	29.13	29.11	29.10	29.16	29.51	29.25	29.18	29.17	29.26	29.19	29.29	---	---	1982
1983	---	---	---	29.24	29.87	29.34	29.23	29.18	29.22	29.22	29.18	29.14	---	1983
1984	29.12	29.13	29.13	29.23	29.55	29.29	29.22	29.19	29.19	29.17R	29.18R	29.14R	29.21R	1984
1985	29.10	29.10	29.09	29.18	29.57	29.36	29.27	---	---	---	---	---	---	1985
MOYEN	29.13	29.14	29.13	29.24	29.56	29.31	29.22	29.19	29.23	29.23R	29.20R	29.14R	29.23R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 24 20
LONG 71 11 10

BASSIN VERSANT, 121 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

MONTMORENCY (RIVIERE) EN AVAL DU RUISSEAU DES BRULES - STATION NO 02PD005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	30.16 LE 16 MAI	29.08 LE 13 MAR *	1979
1980	---	30.62 LE 28 AVR *	29.08 LE 27 JAN	1980
1981	---	---	---	1981
1982	---	29.77 LE 3 MAI	29.08 LE 28 MAR	1982
1983	---	30.04 LE 17 MAI	29.08 LE 11 FEV	1983
1984	---	---	---	1984
1985	---	30.34 LE 24 MAI	29.10 LE 27 JAN	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

MULETS (RIVIERE AUX) AU BARRAGE THEODORE - STATION NO. 02LC017

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	---	---	365.71	365.73	366.07	365.88	365.72	365.68	365.39	365.26	365.47	366.06	---	1964
1965	366.15	366.11	365.74	365.78	366.00	365.83	365.81	365.82	365.87	366.10	366.08	365.94	365.93	1965
1966	366.08	366.05	365.82	365.56	366.05	365.83	365.74	365.78	365.71	365.84	366.11	366.16	365.93	1966
1967	366.00	365.83	365.44	366.00	366.02	366.11	365.98	365.85	365.70	366.85	366.06	365.85	365.88	1967
1968	365.48	365.46	365.59	366.19	365.80	366.01	366.05	365.85	365.74	365.67	365.93	366.04	365.82	1968
1969	366.01	365.87	365.66	366.09	366.16	366.13	366.02	365.89	365.88	365.70	365.71	365.87	365.90	1969
1970	365.52	365.51	365.48	365.75	366.09	365.91	365.93	365.72	365.61	365.74	365.92	365.88	365.76	1970
1971	365.80	365.81	365.42	365.62	366.13	365.86	365.73	365.70	365.72	365.74	365.91	365.90	365.74	1971
1972	365.75	365.72	365.69	365.69	366.16	---	365.98	365.84	365.74	365.80	365.81	365.81	---	1972
1973	365.82	365.74	365.81	365.93	365.[illegible]	365.89	365.94	365.88	365.84	365.86	365.83	365.90	365.88	1973
1974	365.84	365.87	365.66	365.86	366.07	365.92	365.88	365.79	365.68	365.88	365.94	365.95	365.86	1974
1975	365.94	365.88	365.68	365.67	366.04	365.95	365.86	365.72	365.72	365.95	365.97	365.96	365.86	1975
1976	365.94	365.87	365.84	366.15	365.87	365.85	365.88	365.86	365.48	365.87	365.89	365.83	365.88	1976
1977	365.72	365.68	365.65	365.08	365.81	---	365.87	---	365.87	365.92	365.92	---	---	1977
1978	---	365.70	365.44	365.70	366.00	365.89	365.87	365.88	365.86	365.90	365.96	365.95	---	1978
1979	365.96	365.87	365.85	365.06	365.97	365.96	365.98	365.96	366.00	365.98	365.98	365.98	365.96	1979
1980	365.91	365.78	365.82	366.01	365.91	365.92	365.87	365.91	365.87	365.91	---	365.77	---	1980
1981	365.72	365.84	365.75	365.98	365.94	---	---	365.79	365.89	365.91	365.88	365.74	---	1981
1982	365.88	365.84	365.57	365.85	---	365.84	---	---	365.90	365.91	365.06	365.93	---	1982
1983	365.88	365.78	365.88	365.87	366.08	365.85	365.84	365.88	365.81	365.90	365.98	365.81	365.86	1983
1984	365.81	365.83	366.04	366.06	365.96	365.96	365.94	365.68	365.96	365.96R	365.87R	365.87R	365.88R	1984
1985	365.78	365.68	365.80	365.51	365.92	365.95	365.94	365.82	365.82	---	---	---	---	1985
MOYEN	365.82	365.78	365.85	365.91	366.00	365.93	365.89	365.83	365.79	365.83R	365.91R	365.90R	365.87R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 57 45 BASSIN VERSANT 104 km²
LONG 74 14 50 REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

MULETS (RIVIERE AUX) AU BARRAGE THEODORE - STATION NO. 02LC017

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	---	---	1964
1965	---	366.26 LE 1 JAN	365.40 LE 4 AVR	1965
1966	---	366.33 LE 12 DEC	365.56 LE 17 AVR	1966
1967	---	366.26 LE 19 AVR	365.37 LE 23 MAR	1967
1968	---	366.31 LE 5 AVR	365.41 LE 28 JAN	1968
1969	---	366.51 LE 18 AVR	365.58 LE 10 DEC	1969
1970	---	366.80 LE 1 MAI *	365.45 LE 31 MAR	1970
1971	---	366.28 LE 9 MAI	365.33 LE 7 AVR *	1971
1972	---	---	---	1972
1973	---	366.36 LE 22 AVR	365.57 LE 2 MAR	1973
1974	---	366.38 LE 24 AVR	365.39 LE 4 AVR	1974
1975	---	366.28 LE 5 MAI	365.38 LE 15 AVR	1975
1976	---	366.49 LE 18 AVR	365.41 LE 19 MAR	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	366.47 LE 29 AVR	365.64 LE 21 MAR	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	366.41 LE 4 MAI	365.50 LE 17 MAR	1983
1984	---	366.35 LE 18 AVR	365.60 LE 31 MAR	1984
1985	---	366.38 LE 27 AVR	365.44 LE 27 MAR	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

NEMISCAU (LAC) - STATION NO 038C001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1950	---	---	---	---	---	30.04	---	---	---	---	---	---	---	1950
1951	---	---	---	---	---	---	---	---	---	---	---	---	---	1951
1952	---	28.93	---	---	---	28.95	---	---	---	---	---	---	---	1952
1953	---	---	28.78	---	---	---	---	28.86	28.67	28.84	---	---	---	1953
1954	---	---	---	---	---	---	---	---	---	28.85	25.45	---	---	1954
1955	---	---	---	---	29.51	29.35	29.45	29.17	29.18	---	---	---	---	1955
1956	28.98	28.73	28.62	28.96	---	29.35	29.04	28.74	28.74	28.90	---	---	---	1956
1957	29.00	---	---	---	---	29.74	29.44	28.47	29.56	---	---	---	---	1957
1958	29.08	28.92	---	---	---	---	29.86	---	29.37	29.26	29.29	---	---	1958
1959	---	28.83	28.70	28.62	29.56	29.46	---	---	29.56	---	---	25.14	---	1959
1960	---	---	---	---	---	29.83	---	---	---	29.18	---	---	---	1960
1961	28.99	---	---	---	---	---	---	---	---	---	---	---	---	1961
1962	---	---	28.62	28.63	---	29.52	---	---	---	29.29	---	29.21	---	1962
1963	---	---	---	28.43	---	29.05	28.79	28.89	28.71	28.79	---	---	---	1963
1964	28.82	28.62	28.50	28.20	---	---	---	---	---	29.17	---	---	---	1964
1965	---	---	---	28.63	---	29.05	29.02	29.03	28.89	28.79	28.68	28.97	---	1965
1966	28.91	28.78	28.67	28.90	29.43	---	---	---	---	28.69	---	---	---	1966
1971	---	---	---	---	---	---	29.30	29.41	29.41	29.48	29.45	29.19	---	1971
1973	---	---	---	---	---	---	29.77	29.75	29.77	29.96	---	---	---	1973
1974	---	---	---	---	---	---	---	---	---	---	---	---	---	1974
1975	---	28.77	---	---	29.67	---	---	---	---	29.25	29.28	---	---	1975
1976	28.86	28.71	28.59	28.53	29.24	30.29	29.78	29.36	29.23	29.47	---	---	---	1976
1977	---	---	28.59	28.76	29.51	29.39	29.30	29.37	29.12	29.02	29.13	29.07	---	1977
1978	28.94	---	---	28.69	29.48	29.76	29.44	---	---	---	---	---	---	1978
1979	---	---	28.65	---	---	29.50	29.30	29.16	29.72	29.48	29.27	29.16	---	1979
1980	---	29.08	---	28.81	30.12	---	29.54	29.48	29.43	---	---	---	---	1980
1981	---	28.76	28.84	28.84	---	30.09	---	29.66	29.55	29.88	29.97	---	---	1981
MOYEN	28.95	28.81	28.66	28.67	29.57	29.55	29.38	29.23	29.25	29.18	29.30	---	---	MOYEN
										29.07	29.00	28.83	---	
										29.28	29.28	29.08	---	

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 201 470 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 51 18 52
LONG 76 54 34

BASSIN VERSANT 40 900 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

MICHICUN (LAC) - STATION NO 038A001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1950	---	---	---	---	22.34	23.13	23.34	23.07	22.74	22.89	22.78	22.74	---	1950
1951	22.80	22.45	22.32	22.34	22.59	22.82	22.82	22.73	22.61	22.57	22.66	22.64	22.60	1951
1952	22.51	22.36	22.27	22.26	22.51	23.21	23.24	22.94	22.82	22.93	22.80	22.66	22.72	1952
1953	22.51	22.38	22.26	22.28	22.45	22.62	22.92	22.76	22.74	22.82	22.80	22.75	22.62	1953
1954	22.80	22.45	22.35	22.21	22.50	22.97	22.95	22.78	22.72	22.71	22.72	22.63	22.63	1954
1955	22.52	22.38	22.24	22.13	22.40	22.90	22.91	22.67	22.55	22.58	22.72	22.69	22.56	1955
1956	22.55	22.42	22.29	22.17	22.19	22.63	23.13	22.99	22.92	23.01	22.96	22.75	22.67	1956
1957	22.50	---	---	---	---	22.95	23.36	23.15	23.00	22.92	22.84	22.72	---	1957
1958	22.58	22.44	22.35	22.28	22.47	23.23	23.31	22.87	22.81	22.83	22.87	22.70	22.78	1958
1959	---	22.36	22.24	22.24	22.52	23.32	23.31	23.20	22.82	22.85	23.01	22.92	---	1959
1960	22.86	22.47	22.33	22.24	22.47	23.00	22.96	22.98	23.07	23.02	23.01	22.89	22.78	1960
1961	22.69	22.50	22.35	22.26	22.45	22.79	22.86	22.73	22.85	22.66	22.64	22.61	22.60	1961
1962	22.50	22.39	22.30	22.22	22.33	22.84	22.86	22.86	22.71	22.73	22.65	22.48	22.56	1962
1963	22.32	22.25	22.09	21.98	22.19	22.85	22.95	22.83	22.84	22.54	22.54	22.55	22.48	1963
1964	22.47	22.38	22.30	22.25	22.87	23.27	23.03	22.78	22.73	22.78	22.80	22.68	22.68	1964
1965	22.54	22.40	22.31	22.23	22.35	23.03	23.40	23.38	23.29	23.14	23.01	22.81	22.83	1965
1966	22.62	22.49	22.41	22.43	22.56	23.13	23.25	23.16	23.13	23.10	23.09	23.00	22.87	1966
1967	22.80	22.62	22.48	22.46	22.63	23.15	23.30	23.32	23.21	23.11	23.23	23.19	22.86	1967
1968	23.01	22.83	22.66	22.61	22.99	23.26	23.28	23.39	23.55	23.52	23.37	23.17	23.14	1968
1969	23.01	22.90	22.80	22.71	22.81	23.40	23.65	23.67	23.59	23.71	23.66	23.50	23.30	1969
1970	22.97	22.61	22.57	22.37	22.59	23.00	23.14	22.92	22.83	22.80	22.73	22.61	22.78	1970
1971	22.61	---	---	---	---	22.78	22.91	22.80	22.97	23.18	23.15	---	---	1971
1972	---	---	---	---	---	22.84	23.12	22.98	22.87	22.87	22.80	22.58	---	1972
1973	22.24	---	---	---	---	23.24	23.11	22.89	22.89	---	---	---	---	1973
1974	22.80	---	---	---	---	---	---	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	23.18	22.98	22.78	22.87	22.85	---	---	1975
1976	---	---	---	---	22.85	23.32	---	---	22.47	---	---	---	---	1976
1977	---	---	---	---	22.49	23.20	23.13	---	---	---	---	---	---	1977
1978	---	---	---	22.32	22.48	23.16	23.36	23.27	23.20	23.00	22.84	---	---	1978
1979	---	---	---	22.34	22.48	23.41	23.30	22.98	22.89	22.98	23.17	---	---	1979
1980	---	22.52	22.38	22.32	22.83	23.12	23.07	---	---	22.74	22.81	22.71	---	1980
1981	---	22.46	22.37	22.34	22.50	23.29	23.28	22.85	22.81	22.80	22.61	---	---	1981
1982	---	---	---	22.24	22.45	23.12	---	23.16	---	---	---	22.75	---	1982
1983	22.61	22.48	22.40	22.43	22.77	23.36	---	---	---	---	---	---	---	1983
MOYEN	22.61	22.48	22.37	22.30	22.63	23.08	23.15	23.00	22.80	22.90	22.89	22.78	22.75	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 604.611 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 53 12 04
LONG 70 54 00

BASSIN VERSANT 5 730 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

NICHICUN (LAC) - STATION NO. 03DA001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1950	---	---	---	1950
1951	---	22.88 LE 22 JUN	22.26 LE 30 MAR	1951
1952	---	23.38 LE 23 JUN	22.23 LE 1 AVR	1952
1953	---	22.88 LE 29 JUN	22.21 LE 1 AVR	1953
1954	---	23.05 LE 25 JUN	22.14 LE 25 AVR	1954
1955	---	23 02 LE 2 JUL	22 12 LE 7 AVR	1955
1956	---	23.17 LE 15 JUL	22.12 LE 20 AVR	1956
1957	---	---	---	1957
1958	---	23 46 LE 30 JUN	22.25 LE 17 AVR	1958
1959	---	---	---	1959
1960	---	23.10 LE 30 JUN	22.23 LE 15 AVR	1960
1961	---	22.88 LE 28 JUN	22.24 LE 22 AVR	1961
1962	---	22.95 LE 26 JUN	22.18 LE 29 AVR	1962
1963	---	23 02 LE 3 JUL	21.91 LE 22 AVR *	1963
1964	---	23.36 LE 24 JUN	22.24 LE 12 AVR	1964
1965	---	23 45 LE 12 JUL	22.21 LE 4 MAI	1965
1966	---	23 37 LE 25 JUN	22 39 LE 21 MAR	1966
1967	---	22.37 LE 16 AOU	22 42 LE 30 AVR	1967
1968	---	23 59 LE 23 SEP	22 54 LE 13 AVR	1968
1969	---	23 91 LE 11 JUL *	22.69 LE 24 AVR	1969
1970	---	23.27 LE 3 JUL	22.30 LE 23 AVR	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 504 511 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

NICOLET SUD-OUEST (RIVIERE) A LA VISITATION - STATION NO 020D004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1968	---	---	---	---	---	---	---	---	---	22.14	22.33	22.72	---	1968
1969	22.78	22.76	22.86	24.04	22.69	22.33	22.24	22.20	22.33	22 19	22 76	22.69	22.85	1969
1970	22.84	23 05	23 00	24.26	22.71	22.25	22.15	22.07	22.55	---	22.37	22.72	---	1970
1971	22.80	22 93	23 30	24.44	22.62	22 12	22.09	22.53	22 79	22.34	22.24	22.87	22 74	1971
1972	22.87	22 71	23 35	24.56	22.83	22.70	22 73	23.19	22.32	22.76	22.80	23.10	22.99	1972
1973	23 46	23.43	24 06	---	---	---	22.40	22.36	22.63	22.69	22.83	23.56	---	1973
1974	23 79	23.28	23 16	23.82	23.36	---	---	22.38	22.36	22.21	22.51	22.86	---	1974
1975	22 91	22.70	23 75	23 75	22.47	22.41	22.27	22.17	22.31	22.45	22.66	22.83	22.72	1975
1976	22 75	23.64	24 40	23.80	---	---	22.72	22.66	23.49	22.78	22.78	23.20	---	1976
1977	22.74	22.85	23.82	23.07	22.26	22.28	22 15	22.21	22.30	22.89	22.59	22.86	22.58	1977
1978	23.24	22.99	23 11	24.43	---	22.31	22 19	22.17	22.15	22.39	22.44	---	---	1978
1979	23 13	22.98	23 97	---	22.35	22.38	22 14	22.30	22.67	22.37	22.84	22.86	---	1979
1980	22.86	22.54	23.37	22.81	22.48	22.21	22.28	22.28	22.47	22.86	22.71	22.93	22.64	1980
1981	22.80	---	22 67	22.88	22.54	22.62	22.39	22.76	22.42	22.73	22.87	22.88	---	1981
1982	22.97	22.77	23 36	23.98	---	---	---	---	---	---	---	---	---	1982
MOYEN	22.95	22.97	23.43	23.60	22.63	22.36	22.31	22.41	22.45	22.62	22.80	22.92	22.74	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 07 47 BASSIN VERSANT 1 580 km²
LONG 72 35 45 DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

NICOLET SUD-OUEST (RIVIERE) A LA VISITATION - STATION NO. 020D004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1988	---	---	---	1988
1989	---	25.83 LE 11 AVR	21.92 LE 15 OCT	1989
1970	---	---	---	1970
1971	---	26.29 LE 15 AVR *	21.88 LE 27 JUN *	1971
1972	---	26.18 LE 13 AVR	22.15 LE 30 MAI	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	25.58 LE 21 MAR	22.10 LE 2 JUL	1975
1976	---	---	---	1976
1977	---	25.30 LE 16 MAR	22.08 LE 25 JUL	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	26.14 LE 23 MAR	22.12 LE 18 MAI	1980
1981	---	---	---	1981
1982	---	---	---	1982

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

NORD (RIVIER DU) AU BARRAGE BRULE - STATION NO 021C015

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	366.86	366.84	366.71	366.84	367.08	366.93	366.90	366.77	366.51	366.19	366.19	366.80	366.72	1964
1965	367.05	366.93	366.67	366.66	367.20	367.08	366.99	367.06	367.10	367.14	367.08	366.88	366.99	1965
1966	366.99	366.89	366.85	366.94	367.06	367.10	366.80	367.00	366.75	366.76	367.18	367.22	366.96	1966
1967	367.11	366.80	366.47	366.98	367.08	367.14	367.06	367.00	366.96	366.96	367.07	366.94	366.96	1967
1968	366.86	366.61	366.53	367.23	366.94	367.08	367.13	366.87	366.90	366.86	367.04	367.13	366.94	1968
1969	367.07	366.76	366.33	366.91	367.24	367.06	367.08	367.06	366.98	366.79	366.99	366.92	366.93	1969
1970	366.77	366.78	366.66	366.84	367.08	366.80	366.76	366.77	366.69	366.71	366.97	366.99	366.82	1970
1971	367.01	366.79	366.59	366.75	367.25	367.07	367.05	367.00	367.05	367.04	366.95	367.01	366.96	1971
1972	366.86	---	366.87	366.80	367.29	367.14	367.22	367.08	367.04	367.18	367.14	367.02	---	1972
1973	366.99	366.89	366.91	367.11	367.12	367.13	367.12	367.06	367.02	367.05	366.96	367.02	367.03	1973
1974	366.97	367.00	366.82	---	367.28	367.12	367.02	366.85	---	367.16	367.09	367.04	---	1974
1975	366.88	366.89	366.81	366.80	367.31	367.15	366.96	366.78	366.84	367.10	367.14	367.13	366.99	1975
1976	366.98	366.83	366.67	367.27	367.02	367.03	367.11	367.07	367.11	367.11	367.10	367.09	367.03	1976
1977	367.03	366.99	366.88	---	367.08	367.11	367.11	367.13	367.06	---	367.13	367.09	---	1977
1978	367.05	366.89	366.61	366.76	367.20	367.21	367.15	---	367.08	367.03	367.08	367.07	---	1978
1979	367.11	367.05	366.92	367.15	367.07	367.10	367.11	367.10	367.13	---	367.14	367.10	---	1979
1980	367.00	366.93	366.89	367.16	367.12	367.12	367.10	367.12	366.99	367.07	367.04	366.91	367.04	1980
1981	366.79	366.96	367.07	367.21	367.13	367.16	367.06	367.07	367.12	367.14	367.08	---	---	1981
1982	366.80	366.76	366.89	366.89	367.11	367.14	367.08	367.01	367.10	---	---	367.12	---	1982
1983	367.05	367.05	367.02	367.13	367.24	367.11	367.14	367.08	366.98	367.06	367.13	367.11	367.09	1983
1984	367.03	367.05	366.79	367.06	367.19	367.15	367.17	367.13	367.14	367.11R	367.08R	367.12R	367.08R	1984
1985	366.99	366.87	366.88	367.02	367.16	367.16	367.12	367.03	367.06	---	---	---	---	1985
MOYEN	366.97	366.88	366.76	366.98	367.15	367.10	367.06	367.01	366.98	366.97R	367.03R	367.04R	366.97R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 04 40
LONG 74 18 55

BASSIN VERSANT 141 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

NORD (RIVIER DU) AU BARRAGE BRULE - STATION NO 021C015

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---		366.14 LE 9 OCT *	1964
1965	---	367.48 LE 20 AVR		1965
1966	---		366.22 LE 4 AVR	1966
1967	---	367.32 LE 27 AVR	366.59 LE 26 SEP	1967
1968	---	367.26 LE 11 NOV	366.32 LE 27 MAR	1968
1969	---	367.39 LE 25 AVR	366.37 LE 15 MAR	1969
1970	---	367.44 LE 16 AVR	366.26 LE 13 MAR	1970
1971	---	367.45 LE 19 AVR	366.51 LE 1 AVR	1971
1972	---	367.59 LE 30 AVR	366.48 LE 9 AVR	1972
1973	---	367.41 LE 9 MAI	---	1973
1974	---	---	366.67 LE 23 FEV	1974
1975	---	367.50 LE 24 AVR	---	1975
1976	---	---	366.49 LE 13 AVR	1976
1977	---	367.51 LE 7 MAI	366.50 LE 20 MAR	1977
1978	---	367.62 LE 19 AVR *	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	367.44 LE 11 AVR	366.79 LE 30 MAR	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	367.58 LE 4 MAI	366.88 LE 19 MAR	1985
		367.40 LE 18 AVR	366.53 LE 2 AVR	
		367.53 LE 28 AVR	366.70 LE 28 MAR	

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

NORD (RIVIERE DU) AU BARRAGE DE LA MONTAGNE NOIRE - STATION NO. 02LC011

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	452.08	452.17	452.25	452.60	453.25	453.31	452.85	452.17	452.05	452.05	452.11	452.08	452.42	1964
1965	451.97	452.05	452.13	452.30	452.86	453.01	452.96	452.70	452.87	453.30	453.31	453.13	452.73	1965
1966	453.17	453.18	453.01	452.57	453.04	453.31	453.27	453.13	453.03	453.05	453.26	453.49	453.13	1966
1967	453.33	453.28	453.13	453.36	453.42	453.45	453.31	453.24	452.78	452.91	453.31	453.43	453.24	1967
1968	453.34	453.28	452.87	452.80	452.94	453.08	453.16	453.10	453.07	453.08	453.10	453.22	453.09	1968
1969	453.31	452.88	452.61	452.99	453.39	453.40	453.44	453.34	452.94	452.81	453.00	453.01	453.09	1969
1970	453.20	453.30	453.30	452.82	452.89	453.08	453.12	453.11	453.14	453.31	453.45	453.59	453.21	1970
1971	453.62	453.56	453.52	453.48	453.67	453.71	453.57	453.43	453.44	453.10	452.73	---	---	1971
1972	453.05	453.11	453.12	453.17	453.68	453.87	453.47	453.54	453.50	453.55	453.50	453.18	453.38	1972
1973	453.14	453.15	453.01	453.05	453.25	453.40	453.43	453.37	453.32	453.06	452.83	453.05	453.17	1973
1974	453.21	453.28	453.22	453.14	453.38	453.48	453.42	453.28	453.11	453.05	453.22	453.37	453.27	1974
1975	453.41	453.41	453.18	453.08	453.43	---	453.30	453.18	452.98	453.01	453.14	453.32	---	1975
1976	453.36	453.38	453.21	453.30	---	---	---	453.36	453.24	453.41	453.38	453.41	---	1976
1977	453.30	453.27	453.02	453.09	453.30	453.40	---	453.37	453.39	453.42	453.41	---	---	1977
1978	453.38	---	453.08	453.08	453.30	453.37	453.44	---	453.42	453.48	453.48	---	---	1978
1979	---	---	453.11	452.98	453.42	453.43	453.46	453.45	---	453.43	453.47	453.41	---	1979
1980	453.36	453.28	453.24	453.32	453.41	453.43	453.50	453.42	453.44	453.45	453.38	---	---	1980
1981	---	453.36	453.20	453.36	453.50	453.52	453.47	453.44	453.47	453.48	453.47	---	---	1981
1982	---	453.28	453.20	453.15	453.38	453.45	453.41	453.30	453.38	453.37	453.44	453.48	---	1982
1983	453.38	453.34	453.26	453.32	453.42	453.38	453.35	453.34	453.35	453.44	453.43	453.36	453.37	1983
1984	453.30	453.28	453.19	453.20	---	---	---	---	---	453.32R	453.43R	453.48R	---	1984
1985	453.28	---	---	453.25	453.43	453.47	453.38	453.34	453.30	453.38	---	---	---	1985
MOYEN	453.17	453.15	453.04	453.07	453.32	453.39	453.33	453.23	453.18	453.20R	453.23R	453.25R	453.10	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 10 55 LONG 74 16 38 — BASSIN VERSANT 13.1 km² — REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

NORD (RIVIERE DU) AU BARRAGE DE LA MONTAGNE NOIRE - STATION NO 02LC011

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	453.42 LE 28 MAI	452.01 LE 22 JAN	1964
1965	---	453.36 LE 25 OCT	451.92 LE 21 JAN *	1965
1966	---	453.64 LE 12 DEC	452.43 LE 15 AVR	1966
1967	---	453.66 LE 17 JUN	452.67 LE 21 SEP	1967
1968	---	453.41 LE 1 JAN	452.69 LE 21 MAR	1968
1969	---	453.51 LE 29 JUL	452.58 LE 25 FEV	1969
1970	---	453.61 LE 30 DEC	452.81 LE 15 AVR	1970
1971	---	453.76 LE 31 MAI	452.69 LE 1 NOV	1971
1972	---	454.00 LE 14 MAI *	452.98 LE 1 JAN	1972
1973	---	453.48 LE 12 JUN	452.76 LE 25 OCT	1973
1974	---	453.59 LE 14 MAI	453.00 LE 10 AVR	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	453.52 LE 1 MAI	453.22 LE 17 MAR	1983
1984	---	---	---	1984
1985	---	---	---	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

NORD (RUISSEAU) SUR LE CHEMIN SAINT-DOMINIQUE - STATION NO 02LC018

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1972	---	---	---	64.462	63.640	63.378	63.460	63.378	63.232	63.422	63.440	63.326	---	1972
1973	63.409	63.509	63.911	63.551	63.347	63.239	63.136	63.035	63.038	63.182	63.180	63.237	63.312	1973
1974	63.348	63.283	63.547	63.940	63.615	63.174	63.022	63.020	63.000	63.028	63.271	---	---	1974
1975	---	---	63.593	64.179	63.222	63.132	62.934	62.898	63.052	63.202	63.280	63.180	---	1975
1976	48.879	63.795	63.828	64.064	63.292	63.086	63.047	62.986	63.006	63.183	63.122	63.007	62.086	1976
1977	62.926	63.347	64.089	63.576	63.023	62.981	62.943	63.018	63.172	63.487	63.336	63.288	63.265	1977
1978	64.017	63.362	63.398	64.225	63.073	62.963	62.912	62.923	62.837	62.988	63.091	63.143	63.251	1978
1979	63.394	63.358	63.557	63.740	63.184	63.027	63.027	63.184	63.312	63.431	63.341	63.369	63.369	1979
1980	63.262	63.060	63.470	63.556	63.156	63.036	63.218	63.134	63.211	63.318	63.179	63.186	63.233	1980
1981	63.010	63.978	63.257	63.482	63.183	63.283	63.039	63.125	63.186	63.223	63.208	63.127	63.260	1981
1982	63.174	63.077	63.539	64.405	63.048	63.134	62.997	63.011	63.059	63.054	63.241	63.392	63.260	1982
1983	63.200	63.318	63.629	63.801	63.589	63.041	62.953	62.955	62.881	63.037	63.488	63.259	63.270	1983
1984	0.45 R	0.86 R	0.85 R	1.28 R	0.45 R	0.30 R	0.30 R	0.46 R	0.36 R	0.21 R	0.47 R	0.64 R	0.54 R	1984
1985	63.177	63.219	64.090	63.855	63.033	62.998	62.936	62.918	62.948	63.130	62.400	62.282	63.081	1985
MOYEN	56.857R	58.181R	58.858R	58.436R	58.760R	58.625R	58.566R	58.573R	58.607R	58.707R	58.718R	58.332R	57.446R	MOYEN

PLAN DE REFERENCE - GEODESIQUES
AJOUTER -62.746 m POUR OBTENIR LES COTES ARBITRAIRE

LOCATION - LAT 45 44 12 LONG 74 00 03 — BASSIN VERSANT 22.6 km² — DEBIT NATUREL

R - REVISEE DEPUIS JAN 1980

NORD (RUISSEAU) SUR LE CHEMIN SAINT-DOMINIQUE - STATION NO 02LC019

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1972		64.874 LE 3 AVR	63.130 LE 21 SEP	
1973	...	64.538 LE 18 MAR	62.950E LE 7 SEP	1972
1974	...	64.627 LE 5 AVR	62.923 LE 15 JUL	1973
	...			1974
1975		64.727 LE 24 AVR	62.874 LE 8 SEP	
1976	...	65.026 LE 3 AVR	TARIS LE 19 JAN *	1975
1977	...	64.938 LE 16 MAR	62.889 LE 16 JAN	1976
1978	...	64.800 LE 1 AVR	62.895 LE 17 AOU	1977
1979	...	65.035 LE 14 SEP	62.987 LE 21 JUN	1978
	...			1979
1980		64.864 LE 22 MAR	62.972 LE 11 JUL	
1981	...	65.348E LE 26 FEV	62.948 LE 26 MAI	1980
1982	...	65.418E LE 3 AVR *	62.987 LE 25 AOU	1981
1983	...	64.746 LE 19 MAR	62.886 LE 27 JUL	1982
1984	...	2.05 R LE 12 NOV	C 17 R LE 21 OCT	1983
	...			1984
1985		64.421 LE 30 MAR	62.069 LE 27 NOV	
				1985

PLAN DE REFRENCE - GEODESIQUES
AJOUTER -62.745 M POUR OBTENIR LES COTES ARBITRAIRE

E - ESTIMATIVE

* - EXTREMES ENREGISTYRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

NOUVELLE (RIVIERE) EN AMONT DU PONT - STATION NO 01BF003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1967	...	...	...	...	...	...	...	...	...	21.72	21.55	21.27	...	1967
1968	21.67	...	...	...	...	...	...	...	...	21.30	21.36	...	...	1968
1969	...	...	...	...	...	...	...	...	21.28	21.38	21.53	21.35	...	1969
			21.16	21.28	22.16	21.46	21.30	21.27	21.56					
1970	21.61	...	...			21.78	...	...						1970
				21.19	22.05									
MOYEN	21.34	...	21.16	21.24	22.11	21.64	21.32	21.26	21.42	21.53	21.46	21.35	...	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 09 42
LONG 65 22 49

BASSIN VERSANT, 867 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

NOUVELLE (RIVIERE) EN AVAL DU PONT - STATION NO 01BF002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1967	...	...	...	...	...	...	...	...	...	6.39	6.22	6.08	...	1967
1968	5.90	...	...	...	...	...	...	...	...	8.03	6.08	5.95	...	1968
1969	5.91	5.91	5.90	6.37	6.50	6.14	...	...	5.95	5.97	6.08	...	...	1969
				6.09	6.99	...	...	...	...	6.40	6.19	6.37	...	
1970	...	...	...	...	...		...	...	...			...	...	1970
				...	7.00	6.46	6.10	5.93	6.17	6.36	...	...	...	
MOYEN	5.91	5.91	5.90	6.23	6.83	6.31	6.10	5.94	6.16	6.24	6.22	6.02	...	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 08 08
LONG 66 19 10

BASSIN VERSANT, 1 160 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

OPINACA (RESERVOIR) A LA DIGUE DA-10 - STATION NO 03CE002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1983	...	...	...	...	...	26.63R	26.68R	26.50R	25.39R	25.08R	24.87R	...	...	1983
1984	...	23.99R	...	23.58R	24.63R	25.88R	26.28R	26.32R	26.34R	25.66R	25.03R	...	...	1984
1985	...	24.77	24.13	23.77	23.73	...	...	...	...	...	...	...	...	1985
MOYEN	...	24.38R	24.13	23.68R	24.18R	26.26R	26.47R	26.41R	25.87R	25.87R	25.45R	...	...	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 52 22 35
LONG 76 46 25

BASSIN VERSANT, 10 400 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

ORFORD (LAC) - STATION NO 020H009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1970	---	---	---	---	---	---	---	---	29.82R	29.78R	29.77R	29.86R	---	1970
1971	29.81R	29.73R	29.66R	29.87R	30.26R	29.91R	29.87R	29.91R	30.03R	29.90R	29.78R	30.07R	29.90R	1971
1972	---	29.72R	29.73R	29.84R	30.04R	29.98R	29.98R	30.00R	29.91R	29.83R	29.81R	29.79R	---	1972
1973	29.81R	29.78R	30.02R	30.08R	30.00R	29.96R	30.05R	29.89R	29.88R	29.98R	29.95R	30.03R	29.95R	1973
1974	29.97R	---	29.82R	30.05R	30.13R	30.06R	30.00R	29.88R	29.77R	29.80R	29.79R	---	---	1974
1975	---	---	---	---	---	---	29.85R	29.78R	29.85R	29.95R	---	29.58R	---	1975
1976	---	29.78R	---	---	---	29.85R	29.84R	29.86R	---	29.84R	---	---	---	1976
1977	---	---	---	29.89R	30.05R	---	29.93R	---	29.99R	---	30.10R	30.19R	---	1977
1978	---	30.18R	---	30.16R	---	---	---	30.10R	---	---	---	30.04R	---	1978
1979	---	30.07R	---	30.17R	30.14R	30.12R	29.99R	29.94R	---	---	---	---	---	1979
1980	---	29.89R	29.93R	30.18R	30.16R	30.09R	30.10R	30.16R	30.10R	30.08R	30.21R	30.10R	---	1980
1981	29.95R	30.11R	29.91R	30.20R	30.10R	30.14R	30.08R	30.15R	30.13R	30.09R	30.14R	30.09R	30.09R	1981
1982	30.05R	30.01R	30.06R	30.27R	30.05R	29.97R	---	---	---	---	---	---	---	1982
MOYEN	29.92R	29.92R	29.88R	30.07R	30.10R	30.01R	29.97R	29.97R	29.95R	29.92R	29.94R	29.97R	29.98R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 17 45 BASSIN VERSANT 9 66 km²
LONG 72 16 40 DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

ORFORD (LAC) - STATION NO 020H009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1970	---	---	---	1970
1971	---	30.54R LE 10 MAI *	29.57R LE 2 MAR *	1971
1972	---	---	---	1972
1973	---	30.27R LE 1 JUL	29.75R LE 19 FEV	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	30.35R LE 22 FEV	29.79R LE 26 MAR	1981
1982	---	---	---	1982

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

OUAREAU (LAC) - STATION NO 020B019

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	---	---	---	---	---	---	28.55	28.67	28.58	28.64	28.72	28.74	---	1966
1967	28.50	28.46	---	---	28.87	---	---	28.81	28.55	28.81	28.77	---	---	1967
1968	---	---	---	---	28.84	29.01	28.84	28.67	28.63	28.47	28.42	---	---	1968
1969	---	---	---	---	---	29.13	28.71	---	28.64	28.17	28.58	28.36	---	1969
1970	28.26	28.21	28.22	28.61	29.13	28.58	---	28.80	28.80	---	28.52	28.50	---	1970
1971	28.29	28.24	28.23	28.31	28.22	28.79	28.82	---	28.81	28.62	---	---	---	1971
1972	---	28.64	28.60	28.68	28.33	---	---	28.76	28.87	28.68	28.63	28.35	---	1972
1973	28.29	28.39	28.59	---	28.85	---	28.84	28.77	28.61	28.45	28.43	28.40	---	1973
1974	28.87	28.84	28.65	28.73	29.30	28.81	28.77	28.76	28.82	28.81	28.76	28.82	28.82	1974
1975	28.65	28.58	28.57	28.59	29.14	28.85	---	---	28.27	28.82	---	28.94	---	1975
1976	---	28.61	---	29.20	28.89	28.84	28.91	28.81	---	28.63	28.64	28.59	---	1976
1977	28.51	28.48	28.58	28.96	---	---	---	28.84	28.38	28.38	28.53	28.76	---	1977
1978	28.69	28.63	28.54	28.59	28.98	28.77	28.79	---	---	28.45	28.77	28.64	---	1978
1979	28.61	28.50	28.61	28.79	29.10	28.81	28.80	28.76	28.85	28.82	28.72	28.79	28.79	1979
1980	28.65	28.47	28.39	28.81	28.85	28.79	28.80	28.83	28.74	28.87	28.88	28.46	28.69	1980
1981	28.32	28.45	28.64	28.99	28.84	28.81	28.88	28.72	28.85	28.73	28.82	28.88	28.73	1981
1982	---	---	---	28.76	28.85	28.73	28.69	---	---	---	---	---	---	1982
MOYEN	28.51	28.50	28.50	28.75	29.03	28.82	28.78	28.78	28.63	28.61	28.64	28.65	28.75	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 355.005 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 18 59 BASSIN VERSANT 355 km²
LONG 74 10 01 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

DUARTEAU (LAC) - STATION NO 020B019

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	29 79 LE 3 MAI	---	1976
1977	---	---	28 50 LE 4 AVR	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	29 68 LE 1 MAI	---	1981
1982	---	29 23 LE 17 AVR	28 65 LE 3 MAR	1982
		29 87 LE 7 AVR *	28 38 LE 17 MAR	
		---	28 17 LE 28 MAR *	

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 383 005 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

DUASIEMSCA (RIVIERE) EN AVAL DE LA RIVIERE MICOSAS - STATION NO 02RE003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	---	---	---	---	---	---	---	---	---	---	---	30 89	---	1965
1966	30 83	30 78	30 75	31 21	---	---	---	---	---	31 76	31 75	---	---	1966
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	30 84	---	---	---	---	---	---	---	---	---	---	---	---	1969
1970	30 82	30 77	30 72	30 88	32 31	32 34	32 42	32 41	32 39	32 04	31 17	30 87	---	1970
1971	30 87	---	30 78	30 90	32 27	32 15	32 41	32 19	32 44	31 95	31 20	30 83	---	1971
1972	30 84	---	30 58	30 85	32 24	32 09	32 24	---	---	32 06	31 32	---	---	1972
1973	30 83	30 83	---	---	32 24	32 43	32 03	31 76	32 33	32 26	31 52	30 91	31 59	1973
1974	30 84	30 78	30 75	31 40	32 72	32 60	32 34	32 71	32 57	32 15	---	---	---	1974
1975	30 88	30 74	30 74	30 87	32 63	32 72	32 29	---	32 28	32 31	31 18	30 92	---	1975
1976	---	---	---	---	---	---	---	---	---	32 33	31 80	30 92	31 77	1976
1977	30 84	30 57	---	31 38	32 56	32 52	32 56	32 52	32 52	32 18	31 10	---	---	1977
1978	---	30 53	30 62	31 15	---	---	32 40	32 51	32 55	32 39	31 67	---	---	1978
1979	---	---	30 55	30 70	32 36	32 88	---	32 15	32 25	31 75	31 07	30 73	---	1979
MOYEN	30 80	30 71	30 70	31 07	32 41	32 34	32 70	32 37	32 45	32 42	31 16	30 86	---	MOYEN
							32 38	32 33	32 42	32 13	31 24	30 74	---	
											31 38	30 87	31 62	

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 06 09
LONG 72 43 57

BASSIN VERSANT 3 320 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

DUASIEMSCA (RIVIERE) EN AVAL DE LA RIVIERE MICOSAS - STATION NO 02RE003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	---	---	1965
1966	---	---	---	1966
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	33 32 LE 4 MAI *	30 70 LE 29 MAR *	1973
1974	---	---	---	1974
1975	---	33 04 LE 4 MAI	30 70 LE 11 MAR	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

OUIATCHOUANE (RIVIERE) AU RESERVOIR DES COMMISSAIRES - STATION NO. 02RG007

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	22.35	21.20	20.47	21.01	22.95	24.33	24.70	24.60	24.57	24.56	24.75	24.15	23.32	1965
1966	21.59	20.90	20.77	21.28	23.37	24.55	24.73	24.70	24.57	24.69	24.77	24.65	23.42	1966
1967	24.65	22.59	21.23	21.07	23.61	24.77	24.85	24.71	24.47	24.56	24.69	24.73	23.86	1967
1968	22.93	21.24	20.84	22.20	23.94	24.28	24.41	24.78	24.66	24.65	24.65	24.71	23.65	1968
1969	23.64	22.48	21.21	21.15	24.14	24.56	24.74	24.44	24.65	24.60	24.85	24.66	23.84	1969
1970	23.00	21.65	21.14	21.12	24.36	24.64	24.55	23.86	23.60	24.32	24.57	23.82	23.38	1970
1971	21.85	20.98	20.84	21.01	23.77	23.48	23.26	23.18	23.15	23.22	22.31	21.14	22.36	1971
1972	19.95	19.94	19.92	19.78	21.49	21.75	21.03	20.39	20.19	20.72	20.42	19.83	20.46	1972
1973	19.81	19.85	19.86	20.15	21.65	21.21	20.80	22.15	23.19	23.85	24.29	24.80	21.80	1973
1974	24.63	---	22.05	---	23.70	24.84	24.83	24.75	24.18	24.63	24.95	24.89	---	1974
1975	23.98	22.34	---	---	23.25	24.71	---	24.85	24.90	24.64	24.85	24.61	---	1975
1976	23.85	22.32	20.95	21.82	23.80	24.85	24.75	24.82	24.75	24.75	24.85	24.61	23.82	1976
1977	24.03	22.86	21.76	21.78	24.27	24.88	24.89	24.67	24.63	24.71	24.62	24.67	23.86	1977
1978	24.25	22.77	21.62	21.35	23.76	24.72	---	24.85	---	24.84	24.76	24.64	---	1978
1979	24.24	22.80	21.57	21.75	24.36	24.77	---	---	24.50	24.71	24.88	24.73	---	1979
1980	24.35	23.33	22.65	22.40	24.70	24.71	---	24.89	24.68	24.85	24.84	24.62	---	1980
1981	24.08	23.13	23.00	22.94	24.85	24.79	24.73	24.63	24.44	24.28	24.41	24.63	24.24	1981
1982	24.38	---	---	21.55	23.71	---	24.87	24.74	24.82	24.29	24.57	24.40	---	1982
1983	23.64	22.69	21.80	22.04	24.86	24.83	24.73	---	24.59	24.73	24.82	24.88	---	1983
1984	23.26	21.59	---	---	24.84	24.87	24.84	24.59	24.41	24.28R	24.29R	24.52R	---	1984
1985	23.81	22.25	20.70	20.46	23.47	24.89	24.81	---	---	---	---	---	---	1985
MOYEN	23.26	21.94	21.24	21.49	23.74	24.32	24.17	24.15	24.15	24.30R	24.33R	24.18R	23.18	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 304.800 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 48 12 05 BASSIN VERSANT, 662 km²
LONG 72 14 35 REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

OUIATCHOUANE (RIVIERE) AU RESERVOIR DES COMMISSAIRES - STATION NO 02RG007

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	24 89 LE 28 NOV	20 22 LE 19 MAR	1965
1966	---	24 84 LE 11 DEC	20 73 LE 10 MAR	1966
1967	---	25 05 LE 20 OCT	20 96 LE 5 AVR	1967
1968	---	24 88 LE 7 DEC	20 90 LE 16 MAR	1968
1969	---	25 95 LE 13 MAI *	20 86 LE 8 AVR	1969
1970	---	24 89 LE 7 JUN	20 82 LE 12 AVR	1970
1971	---	24 39 LE 18 MAI	20 80 LE 8 AVR	1971
1972	---	22 35 LE 23 MAI	19 71 LE 18 AVR	1972
1973	---	24 86 LE 23 DEC	19 82 LE 15 AVR	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	25 01 LE 18 AOU	20 77 LE 21 MAR	1977
1978	---	24 78 LE 15 OCT	21 31 LE 31 MAR	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	25 10 LE 14 MAI	22 53 LE 30 MAR	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 304.800 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

OUIOUI (LAC) - STATION NO 02RG018

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1976	---	---	---	---	---	---	---	---	---	---	---	158.21R	---	1976
1977	158.03R	157.58R	157.32R	156.98R	158.96R	157.61R	157.97R	157.23R	158.31R	158.34R	158.43R	158.40R	157.83R	1977
1978	158.28R	157.97R	157.59R	157.11R	---	---	157.91R	158.22R	158.25R	---	158.38R	158.45R	---	1978
1979	---	158.08R	157.73R	157.47R	---	---	158.13R	158.04R	157.64R	157.77R	157.89R	---	---	1979
1980	---	158.08R	157.89R	157.28R	157.05R	157.28R	---	---	---	---	---	158.44R	---	1980
1981	158.25R	158.00R	157.94R	---	158.20R	---	---	158.10R	157.78R	157.65R	157.90R	158.24R	---	1981
1982	---	---	157.58R	157.15R	---	---	---	---	157.96R	157.91R	158.11R	158.42R	---	1982
1983	158.52R	158.37R	158.09R	157.80R	157.82R	158.17R	158.23R	158.08R	157.93R	157.78R	157.78R	157.87R	158.04R	1983
1984	157.83R	157.66R	157.41R	157.14R	157.21R	157.75R	158.14R	158.21R	158.12R	157.93R	157.77R	157.81R	157.75R	1984
1985	157.89	157.77	157.51	157.12	156.81	157.41	157.86	---	155.11	---	---	---	---	1985
MOYEN	158.13R	157.93R	157.65R	157.25R	157.36R	157.61R	158.08R	158.15R	158.04R	157.90R	158.03R	158.23R	157.87R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 21 47 BASSIN VERSANT, 0 26 km²
LONG 71 33 42 DEBIT NATUREL

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

DUTOUI (LAC) - STATION NO 02RG019

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1975	...	...	...	1976
1977	...	...	155.558 LE 28 FEV *	1977
1978	...	...	...	1978
1979	...	159.388 LE 8 NOV *	...	1979
	...	...	...	
1980	...	...	...	1980
1981	...	...	...	1981
1982	...	...	...	1982
1983	...	...	...	1983
1984	...	...	...	1984
	...	...	...	
1985	...	158.558 LE 11 JAN	157.709 LE 2 MAI	1985
		158.229 LE 6 AOU	157.099 LE 4 MAI	

PLAN DE REFRENCE - ARBITRAIRE

* : EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
P : REVISEE DEPUIS JAN 1980

OUTAOUAIS (RIVIERE DES) - STATION NO 02JB001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	...	...	...	...	...	...	...	...	...	288.15	288.13	288.20	...	1982
1983	288.24	288.18	288.12	287.70	288.20	288.21	288.20	288.20	288.23	288.29	288.18	288.21	288.16	1983
1984	288.13	288.25	287.99	287.71	288.17	288.07	288.24	288.17	288.20	288.28	288.29	288.24	288.15	1984
1985	288.35	288.37	288.07	287.66	288.30	288.31	288.23	288.35	288.28	288.31	288.30	288.21	288.23	1985
1986	288.15	288.35	287.76	287.87	288.36	288.30	288.04	288.20	288.40	288.27	...	...	...	1986
MOYEN	288.22	288.29	287.99	287.74	288.26	288.22	288.16	288.22	288.26	288.26	288.23	288.22	288.16	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION LAT 47 55 00
LONG 78 34 38

BASSIN VERSANT, 14 000 km²
REGULARISE

DONNEES FOURNIES PAR :
HYDRO-QUEBEC

OUTAOUAIS (RIVIERE DES) - STATION NO 02JB005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	...	...	...	1982
1983	...	288.46 LE 26 MAI	287.19 LE 24 AVR	1983
1984	...	288.49 LE 19 JUL	287.38 LE 27 MAR	1984
1985	...	288.56 LE 24 AVR	287.10 LE 11 AVR	1985
1986	...	288.73 LE 28 AVR *	287.03 LE 24 MAR *	1986

PLAN DE REFRENCE - ARBITRAIRE

* : EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

OUTAOUAIS (RIVIERE DES) A CARILLON (ONT) - STATION NO 02LB026

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	...	...	...	...	...	...	...	40.74	41.11	41.05	41.02	...	...	1963
1964	41.07	...	41.05	41.01	...	41.10	...	41.07	41.11	41.12	41.12	41.07	...	1964
1965	41.10	41.12	41.05	41.09	41.13	41.12	41.14	41.13	41.10	41.09	41.10	41.09	41.10	1965
1966	41.00	41.05	41.07	40.85	40.97	41.08	41.09	41.09	41.09	41.11	41.10	41.04	41.05	1966
1967	41.04	40.85	40.85	40.80	40.07	40.86	41.11	41.15	41.17	41.07	40.72	...	...	1967
1968	...	40.84	40.62	40.37	40.31	41.12	41.13	41.14	41.13	41.12	41.13	...	...	1968
1969	41.18	41.10	41.04	40.85	41.11	41.09	41.13	41.14	41.14	41.15	41.09	41.11	40.89	1969
1970	41.08	41.11	41.05	40.52	40.17	40.89	40.95	41.09	41.12	41.14	41.12	41.10	40.93	1970
1971	41.04	41.02	41.03	40.33	40.37	41.11	41.14	41.14	41.12	41.12	41.12	41.14	40.97	1971
1972	41.12	41.06	41.05	40.43	40.28	41.14	41.14	41.14	41.14	41.14	41.13	41.11	40.99	1972
1973	41.11	41.09	40.56	40.03	41.13	41.15	41.20	41.15	41.11	41.11	41.06	41.14	41.07	1973
1974	41.04	41.05	41.07	40.88	40.97	41.05	41.00	41.11	41.18	41.31	41.25	41.17	41.10	1974
1975	41.24	41.26	41.12	41.01	41.00	41.14	41.14	41.23	41.21	41.27	41.25	41.26 R	41.18 R	1975
1976	41.06	41.27	40.82	40.44	40.80	41.19	41.22	41.26	41.32	41.29	41.21	41.28	41.10	1976
1977	41.24	41.19	40.76	40.63	41.04	41.17	41.19	41.20	41.08	...	41.15	...	...	1977
1978	41.03	41.01	41.01	40.62	40.82	41.18	41.15	41.13	...	41.14	41.06	41.04	41.03	1978
1979	41.01	40.98	...	40.41	40.44	41.01	41.12	...	41.14	41.12	41.09	40.99	...	1979
1980	40.80	41.02	41.05	40.78	40.84	...	41.10	41.15	41.13	41.08	40.78	41.15	...	1980
1981	41.10	40.85	40.59	40.35	40.98	41.20	41.17	41.17	41.11	41.15	41.14	41.13	41.00	1981
1982	41.05	41.07	41.05	40.76	40.94	41.18	41.14	41.14	41.14	41.14	41.13	41.11	41.07	1982
1983	41.074	41.090	41.040	41.072	40.442	40.812	41.148	41.150	41.147	41.119	41.088	41.056	41.017	1983
1984	41.085	41.087	41.038	40.542	40.928	41.148	41.151	41.152	41.141	41.136	41.104	41.091	41.049	1984
1985	41.091	41.141	40.985	40.786	40.845	41.158	41.184	41.151	41.159	41.147	41.093	41.101	41.049	1985
MOYEN	41.073	41.083	40.946	40.575	40.732	41.070	41.130	41.128	41.140	41.142	41.088	41.114R	41.043R	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA
AJOUTER -40.538 M POUR OBTENIR LES COTES ARBITRAIRE

LOCATION - LAT 45 34 10
LONG 74 23 00

REGULARISE

R - REVISEE DEPUIS JAN 1980

OUTAOUAIS (RIVIERE DES) A CARILLON (AMONT) - STATION NO 02LB026

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	41.25R LE 26 SEP A 1624 HNE	...	...	1963
1964	41.26R LE 15 JUN	41.18 LE 24 DEC	40.76 LE 19 AVR	1964
1965	41.28R LE 5 JUL A 1435 HNE	41.19 LE 11 FEV	40.85 LE 27 MAR	1965
1966	41.24R LE 6 FEV A 1650 HNE	41.17 LE 24 FEV	40.38 LE 28 AVR	1966
1967	41.34R LE 23 NOV	41.19 LE 16 AOU	39.64 LE 2 AVR	1967
1968	41.25R LE 25 JAN	41.17 LE 21 NOV	39.62 LE 31 MAR	1968
1969	41.40R LE 8 NOV A 1324 HNE	41.27 LE 9 JAN	39.61 LE 22 MAI	1969
1970	41.28R LE 11 JUL A 1720 HNE	41.17 LE 3 JUL	39.59 LE 10 JUN	1970
1971	41.30 LE 14 SEP	41.18 LE 4 AOU	39.48 LE 23 AVR *	1971
1972	41.35 LE 6 DEC A 1611 HNE	41.17 LE 12 JAN	39.61 LE 4 MAI	1972
1973	41.46 LE 3 JUL A 1726 HNE	41.23 LE 23 AOU	40.18 LE 20 MAR	1973
1974	41.53 LE 25 SEP A 2113 HNE	41.46 LE 17 OCT	40.41 LE 15 FEV	1974
1975	41.64 LE 20 FEV A 1632 HNE *	41.55 LE 23 FEV *	40.58 LE 10 MAI	1975
1976	41.53 LE 28 JAN	41.49 LE 1 JAN	39.92 LE 27 AVR	1976
1977	41.51 LE 16 JAN A 1555 HNE	41.50 LE 6 MAR	39.85 LE 24 MAR	1977
1978	41.49 LE 5 SEP A 2057 HNE	41.22 LE 13 JUN	39.73 LE 2 MAI	1978
1979	41.48 LE 6 OCT	41.22 LE 13 AOU	39.67 LE 27 MAR	1979
1980	41.45 LE 8 AOU A 1801 HNE	41.25 LE 26 OCT	40.15 LE 18 AVR	1980
1981	41.39 LE 31 JAN A 1804 HNE	41.26 LE 23 JUN	39.85 LE 8 MAR	1981
1982	41.53 LE 5 AVR A 0435 HNE	41.21 LE 24 NOV	40.10 LE 4 MAI	1982
1983	...	41.338A LE 21 AVR	39.905 LE 24 MAI	1983
1984	41.31R LE 24 JAN A 0531 HNE	41.199 LE 25 JAN	40.264 LE 17 AVR	1984
1985	41.25R LE 5 JAN A 0457 HNE	41.194 LE 24 JUN	40.091 LE 8 MAI	1985

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA
AJOUTER -40.536 m POUR OBTENIR LES COTES ARBITRAIRE

A - JAUGE MANUELLE
(VOIR INDEX DE REFRENCE)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

OUTAOUAIS (RIVIERE DES) A CARILLON (AVAL) - STATION NO 02LB025

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	...	...	...	...	...	...	...	...	...	...	21.71	...	...	1963
1964	21.96	21.92	22.08	22.39	22.15	21.93	21.76	21.59	21.51	21.93	21.83	...	...	1964
1965	...	...	...	...	...	21.81	21.59	21.77	22.06	22.88	22.42	22.37	...	1965
1966	22.42	22.26	22.64	22.88	22.42	22.21	21.79	21.81	21.76	21.79	22.06	22.76	22.23	1966
1967	22.38	22.46	22.14	23.17	22.92	22.58	22.19	21.83	21.76	22.17	22.78	22.36	22.40	1967
1968	22.44	22.36	22.48	22.88	21.99	21.89	22.02	21.86	21.76	21.68	21.72	21.87	22.06	1968
1969	22.11	22.06	22.10	22.87	22.93	22.30	22.01	22.00	21.76	21.73	22.19	22.16	22.18	1969
1970	22.11	22.04	22.06	22.85	22.84	22.40	22.33	22.12	21.83	21.88	21.88	22.03	22.19	1970
1971	22.10	22.17	22.27	23.07	22.81	21.96	21.88	21.86	21.86	21.96	21.84	21.76	22.03	1971
1972	21.88	21.96	22.01	22.86	23.43	22.48	22.60	22.31	22.17	23.19	22.47	22.36	22.39	1972
1973	22.40	...	23.23	23.19	23.04	22.62	22.35	22.10	21.96	22.06	22.00	22.18	...	1973
1974	22.28	22.22	22.57	23.18	24.06	23.25	22.38	21.97	21.78	21.78	22.14	22.25	22.49	1974
1975	22.21	22.19	...	...	22.84	22.24	21.76	...	...	21.82	21.72	...	...	1975
1976	...	...	...	23.85	23.12	22.25	...	...	21.81	21.78	21.72	21.88	...	1976
1977	22.17	22.02	...	22.89	22.26	21.66	21.71	21.83	21.68	21.92	21.88	22.43	...	1977
1978	22.52	22.53	22.23	23.04	22.72	21.85	21.71	21.65	21.65	21.73	21.71	21.87	22.10	1978
1979	22.10	22.18	22.87	23.18	23.52	22.31	21.81	...	...	...	22.43	22.88	...	1979
1980	22.51	22.30	22.41	22.85	22.55	21.86	21.86	22.00	21.81	22.31	22.33	22.30	22.28	1980
1981	22.27	22.79	22.87	23.30	22.68	...	21.86	21.83	22.12	22.11	22.23	21.89	...	1981
1982	22.04	22.15	22.21	22.80	22.34	...	...	...	21.65	21.81	21.93	22.36	...	1982
1983	22.540	22.410	22.593	22.693	23.571	22.891	21.786	21.584	21.549	21.621	21.931	22.249	22.276	1983
1984	22.152	22.322	22.376	23.343	22.806	22.439	22.227	22.022	21.916	21.779	22.133	22.312	22.300	1984
1985	22.551	22.456	22.783	22.980	23.010	21.942	21.907	22.092	21.782	21.730	21.847	22.057	22.262	1985
MOYEN	22.258	22.255	22.436	23.008	22.845	22.240	21.976	21.891	21.787	21.870	22.022	22.218	22.247	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA
AJOUTER -21.427 m POUR OBTENIR LES COTES ARBITRAIRE

LOCATION - LAT 45 34 05
LONG 74 22 47 REGULARISE

R - REVISEE DEPUIS JAN 1980

OUTAOUAIS (RIVIERE DES) A CARILLON (AVAL) - STATION NO 02LB035

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963		---	---	1963
1964	22.33 LE 12 DEC A 1140 HNE	---	---	1964
	32.93 LE 25 AVR			
1965		---	---	1965
1966	22.95 LE 24 OCT A 1920 HNE			
1967	23.48 LE 28 AVR	23.38 LE 28 AVR	21.46 LE 1 AOU	1966
1968	23.67 LE 3 AVR A 2155 HNE	23.67 LE 4 AVR	21.65 LE 18 SEP	1967
1969	23.64 LE 31 MAR	23.55 LE 31 MAR	21.59 LE 14 OCT	1968
	23.48 LE 21 MAI	23.35 LE 21 MAI	21.62 LE 15 SEP	1969
1970	23.40 LE 18 AVR A 1031 HNE	23.29 LE 18 AVR	21.70 LE 7 SEP	1970
1971	24.37 LE 7 MAI A 1550 HNE	23.86 LE 21 AVR	21.65 LE 7 SEP	1971
1972	24.10 LE 9 MAI	24.05 LE 8 MAI	21.76 LE 2 JAN	1972
1973	24.40 LE 15 MAR A 1825 HNE	24.29 LE 10 MAR	21.85 LE 29 SEP	1973
1974	24.73 LE 22 MAI A 1730 HNE	24.55 LE 22 MAI	21.67 LE 25 SEP	1974
1975	23.79 LE 21 AVR A 1905 HNE	23.71 LE 21 AVR	---	1975
1976	25.07 LE 4 AVR	24.97 LE 4 AVR *	21.55 LE 25 NOV	1976
1977	24.07 LE 17 MAR	---	21.52 LE 17 SEP	1977
1978	23.80 LE 17 AVR A 2301 HNE	22.73 LE 18 AVR	21.49 LE 10 SEP	1978
1979	24.18 LE 3 MAI	24.15 LE 3 MAI	21.66 LE 29 JUL	1979
1980	23.71 LE 17 AVR	23.66 LE 17 AVR	21.64 LE 15 JUN	1980
1981	24.63 LE 26 FEV A 2020 HNE	24.60 LE 26 FEV	21.67 LE 27 JUL	1981
1982	23.60 LE 23 AVR A 1910 HNE	23.36 LE 23 AVR	21.47 LE 11 SEP	1982
1983	24.54 LE 14 MAI A 0831 HNE	24.325A LE 5 MAI	21.447 LE 3 NOV *	1983
1984	23.78 LE 19 AVR A 0735 HNE	23.778 LE 19 AVR	21.716 LE 5 OCT	1984
1985	23.849 LE 1 MAI A 0421 HNE	23.806 LE 1 MAI	21.619 LE 30 OCT	1985

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA
AJOUTER -21.427 M POUR OBTENIR LES COTES ARBITRAIRE

A - JAUGE MANUELLE
(VOIR INDEX DE REFRENCE)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

OUTAOUAIS (RIVIERE DES) A GRENVILLE - STATION NO 02LB001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1933	39.91	39.86	39.96	41.51	41.56	40.36	39.62	39.45	39.15	39.00	39.11	39.12	39.82	1933
1934	39.07	39.06	39.14	41.08	41.64	40.56	39.89	39.27	39.24	39.45	39.40	39.65	39.81	1934
1935	39.49	39.38	39.76	40.46	40.39	39.89	39.95	39.53	39.34	39.31	39.53	39.42	39.71	1935
1936	39.38	39.35	40.18	40.94	42.21	41.00	39.89	39.29	39.28	39.71	40.04	39.56	40.05	1936
1937	40.05	39.92	40.02	40.76	41.33	40.12	39.49	39.28	39.27	39.53	40.35	39.98	40.02	1937
1938	39.58	39.62	40.25	41.71	41.40	40.24	39.49	39.36	39.41	39.54	39.45	39.41	39.85	1938
1939	39.38	39.39	39.42	40.31	41.60	40.71	40.08	39.89	39.43	39.50	39.66	39.45	39.90	1939
1940	39.30	39.24	39.27	40.31	40.87	41.08	40.20	39.49	39.51	39.35	39.52	39.57	39.81	1940
1941	39.57	39.52	39.53	40.89	40.48	39.85	39.56	39.46	39.51	39.97	40.50	40.13	39.90	1941
1942	39.84	39.80	40.06	41.01	40.89	40.43	39.56	39.38	39.28	39.27	39.48	39.35	39.86	1942
1943	39.43	39.50	39.75	40.62	42.08	41.15	40.02	39.53	39.62	39.49	39.66	39.53	40.03	1943
1944	39.47	39.35	39.49	39.83	40.45	39.62	39.35	39.24	39.24	39.33	39.36	39.37	39.51	1944
1945	39.34	39.26	40.01	40.81	40.71	40.66	39.56	39.24	39.32	39.57	39.67	39.49	39.80	1945
1946	39.63	39.63	40.22	40.43	40.17	40.20	39.45	39.30	39.26	39.42	39.64	39.83	39.77	1946
1947	39.75	39.79	39.78	41.41	42.67	42.46	40.57	39.69	39.47	39.48	39.44	39.43	40.33	1947
1948	39.38	39.33	39.79	40.70	40.44	39.92	39.47	39.34	39.24	39.17	39.18	39.32	39.61	1948
1949	39.42	39.49	39.70	41.25	40.76	39.98	39.90	39.31	39.31	39.33	39.33	39.51	39.77	1949
1950	39.71	39.59	39.64	40.64	40.63	40.15	39.86	39.41	39.41	39.37	39.67	39.82	39.80	1950
1951	39.76	39.75	40.17	42.32	40.93	39.83	39.93	39.49	39.52	39.95	40.70	40.38	40.23	1951
1952	40.13	40.04	40.02	41.18	41.07	40.45	39.81	39.84	39.56	39.60	39.52	39.87	40.09	1952
1953	39.86	39.94	40.42	41.31	40.29	39.62	39.41	39.26	39.18	39.25	39.23	39.29	39.75	1953
1954	39.34	39.40	39.91	41.03	40.45	40.40	39.87	39.53	39.61	40.45	40.45	40.22	40.06	1954
1955	40.08	39.89	39.98	41.51	40.26	39.61	39.33	39.11	39.12	39.32	40.05	39.80	* .84	1955
1956	39.63	39.55	39.51	40.55	40.72	40.31	39.86	39.75	40.06	40.14	39.80	39.79	39.97	1956
1957	39.77	39.77	39.92	40.04	40.02	39.73	40.62	39.56	39.67	39.89	40.27	40.32	39.97	1957
1958	40.15	40.04	40.16	40.67	39.85	39.72	39.71	39.45	39.61	39.85	40.02	39.86	39.92	1958
1959	39.75	39.69	39.59	40.69	40.44	39.71	39.35	39.26	39.46	39.60	40.14	40.18	39.82	1959
1960	39.97	39.96	39.90	41.42	41.91	40.15	40.36	40.01	39.64	39.62	39.53	39.46	40.16	1960
1961	39.44	39.32	39.39	38.90	40.02	39.65	39.80	39.49	39.48	39.52	39.40	39.58	39.57	1961
1962	39.82	39.67	---	---	40.37	39.88	39.13	39.12	39.23	39.39	39.74	40.03	---	1962
1963	40.09	40.02	40.06	40.46	40.18	40.28	40.93	40.73	41.09	41.08	41.08	41.18	40.67	1963
1964	41.19	41.18	41.21	41.28	41.27	41.20	41.07	41.09	41.12	41.14	41.14	41.13	41.17	1964
1965	41.18	41.22	41.16	41.26	41.39	41.21	41.17	41.18	41.21	41.42	41.32	41.32	41.25	1965
1966	41.27	41.26	41.39	41.33	41.24	41.25	41.13	41.17	41.13	41.16	41.22	41.60	41.26	1966
1967	41.48	41.28	41.09	41.13	41.18	41.18	41.24	41.20	41.21	41.25	41.21	41.31	41.23	1967
1968	41.26	41.22	41.15	41.05	41.22	41.20	41.22	41.17	41.16	41.11	41.16	41.18	41.18	1968
1969	41.27	41.24	41.19	41.17	40.90	41.28	41.21	41.21	41.18	41.18	41.25	41.29	41.20	1969
1970	41.24	41.24	41.21	41.06	40.96	41.11	41.18	41.20	41.17	41.19	41.20	41.21	41.16	1970
1971	41.17	41.18	41.20	41.17	41.18	41.19	41.16	41.15	41.13	41.13	41.13	41.18	41.16	1971
1972	41.19	41.15	41.18	41.13	41.43	41.36	41.34	41.28	41.25	41.25	41.34	41.35	41.27	1972
1973	41.31	41.32	41.36	41.58	41.58	41.39	41.32	41.21	41.16	41.20	41.15	41.29	41.32	1973
1974	41.22	41.21	41.35	41.53	42.12	41.84	41.17	41.15	41.20	41.34	41.38	41.41	41.39	1974
1975	41.43	41.42	41.34	41.39	41.38	41.28	41.17	41.23	41.22	41.28	41.29	41.36 R	41.32 R	1975
1976	41.19	41.41	---	41.67	41.41	41.30	41.28	41.29	41.34	41.32	41.25	---	---	1976
1977	---	41.31	---	41.26	41.27	41.20	41.22	41.21	41.11	41.14	---	---	---	1977
1978	41.34	41.31	41.18	41.26	41.24	41.24	41.18	41.14	41.14	41.18	41.11	41.14	41.21	1978
1979	41.15	41.12	---	41.23	---	---	---	41.20	41.17	41.23	41.30	41.35	---	1978
1980	41.32	41.24	41.37	41.33	41.20	---	---	---	41.15	41.21	41.00	---	---	1980
1981	41.27	41.42	41.18	41.32	41.33	41.41	41.24	---	41.21	41.24	41.26	41.22	---	1981
1982	41.18	41.20	41.23	41.28	41.20	41.20	41.17	41.16	41.16	---	41.20	41.38	---	1982
1983	41.445	41.353	41.341	41.323	41.469	41.285	41.179	41.167	41.148	41.155	41.145	41.242	41.269	1983
1984	41.210	41.284	41.263	41.382	41.268	41.352	41.285	41.198	41.182	41.173	41.221	41.312	41.258	1984
1985	41.393	41.381	41.365	41.352	41.324	41.211	41.203	41.222	41.170	41.168	41.150	41.189	41.261	1985
MOYEN	40.308	40.299	40.372	41.043	41.049	40.642	40.337	40.157	40.178	40.250	40.353	40.327R	40.376R	MOYEN

PLAN DE REFERENCE - MINISTERE DES TRAVAUX PUBLICS
AJOUTER -40.538 M POUR OBTENIR LES COTES ARBITRAIRE

LOCATION - LAT 45 37 52
LONG 74 36 32

REGULARISE

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OUTAOUAIS (RIVIERE DES) A GRENVILLE - STATION NO. 02LB001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1933	---	42.28 LE 23 AVR	38.84 LE 9 OCT	1933
1934	42.50R LE 11 MAI	42.42 LE 1? MAI	38.85 LE 5 MAR *	1934
1935	40.86R LE 1 MAI A 1305 HNE	40.83 LE 3 MAI	38.18 LE 3 SEP	1935
1936	42.96R LE 17 MAI A 1940 HNE	42.92 LE 18 MAI	38.08 LE 7 SEP	1936
1937	41.84R LE 9 MAI A 1745 HNE	41.82 LE 8 MAI	38.08 LE 13 SEP	1937
1938	42.38R LE 24 AVR A 2327 HNE	42.35 LE 24 AVR	38.17 LE 26 DEC	1938
1939	42.00R LE 13 MAI A 1457 HNE	41.96 LE 12 MAI	38.18 L[illegible] 6 FEV	1939
1940	41.65R LE 4 JUN A 1725 HNE	41.63 LE [illegible] JUN	38.09 LE 4 MAR	1940
1941	42.14R LE 26 AVR A 2350 HNE	42.12 LE 27 AVR	38.22 LE 11 AOU	1941
1942	41.66R LE 29 AVR A 1832 HNE	41.64 LE 29 AVR	38.01 LE 7 SEP	1942
1943	43.02R LE 13 MAI A 1449 HNE	42.97 LE 13 MAI	38.23 LE 2 JAN	1943
1944	41.07R LE 13 MAI A 1546 HNE	41.02 LE 12 MAI	38.99 LE 4 SEP	1944
1945	41.94R LE 5 AVR A 1113 HNE	41.87 LE 5 AVR	39.10 LE 17 SEP	1945
1946	40.96R LE 9 AVR A 2143 HNE	40.91 LE 5 AVR	38.10 LE 2 SEP	1946
1947	43.18R LE 27 MAI A 1252 HNE	43.13 LE 27 MAI	39.20 LE 1 SEP	1947
1948	41.08R LE 29 AVR	41.05 LE 29 AVR	38.87 LE 8 NOV	1948
1949	41.70R LE 29 AVR A 1507 HNE	41.67 LE 30 AVR	39.05 LE 5 SEP	1949
1950	41.22R LE 8 AVR	41.18 LE [illegible] AVR	39.15 LE 9 OCT	1950
1951	43.22R LE 17 AVR A 1808 HNE *	43.18 LE 17 AVR *	39.26 LE 4 SEP	1951
1952	41.83R LE 26 MAI A 1440 HNE	41.80 LE 26 MAI	39.31 LE 17 NOV	1952
1953	41.88R LE 30 MAR	41.86 LE 30 MAR	38.99 LE 7 SEP	1953
1954	41.80R LE 18 AVR A 1340 HNE	41.73 LE 18 AVR	39.17 LE 2 JAN	1954
1955	42.23R LE 20 AVR A 2008 HNE	42.20 LE 21 AVR	38.89 LE 5 SEP	1955
1956	41.26R LE 17 AVR A 1530 HNE	41.23 LE 18 AVR	39.32 LE 2 AVR	1956
1957	41.38R LE 9 JUL A 1520 HNE	41.31 LE 9 JUL	39.13 LE 2 SEP	1957
1958	41.02R LE 2 AVR	40.98 LE 2 AVR	39.24 LE 18 AOU	1958
1959	41.27R LE 10 AVR A 2200 HNE	41.22 LE 10 AVR	39.06 LE 3 AOU	1959
1960	42.52R LE 19 MAI A 1645 HNE	42.48 LE 19 MAI	39.26 LE 26 DEC	1960
1961	40.25R LE 29 AVR A 2340 HNE	40.23 LE 29 AVR	39.11 LE 20 MAR	1961
1962	40.88R LE 9 MAI A 1735 HNE	40.82 LE 9 MAI	38.94 LE 30 JUL	1962
1963	41.32R LE 23 NOV A 1338 HNE	41.24 LE 30 NOV	39.83 LE 24 MAI	1963
1964	41.57R LE 24 AVR	41.55 LE 24 AVR	40.86 LE 20 JUL	1964
1965	41.58R LE 1 OCT A 1745 HNE	41.53 LE 23 OCT	40.94 LE 27 MAR	1965
1966	42.08R LE 27 DEC	41.85 LE 27 DEC	41.01 LE 18 SEP	1966
1967	41.88R LE 1 JAN	41.77 LE 1 JAN	40.88 LE 18 MAI	1967
1968	41.48R LE 21 MAR	41.41 LE 8 JAN	40.77 LE 25 MAR	1968
1969	41.64R LE 26 DEC	41.63 LE 25 DEC	40.86 LE 10 MAI	1969
1970	41.41R LE 19 JUN A 1755 HNE	41.36 LE 3 JUN	40.81 LE 13 JUN	1970
1971	41.48 LE 18 MAI A 1815 HNE	41.42 LE 18 MAI	40.84 LE 8 SEP	1971
1972	41.89 LE 23 MAI	41.87 LE 22 MAI	40.95 LE 21 FEV	1972
1973	41.88 LE 5 AVR A 1302 HNE	41.84 LE 5 AVR	40.88 LE 15 NOV	1973
1974	42.68 LE 21 MAI A 1455 HNE	42.67 LE 21 MAI	40.86 LE 15 FEV	1974
1975	41.90 LE 20 AVR	41.84 LE 20 AVR	40.85 LE 18 JUL	1975
1976	42.75 LE 4 AVR A 1320 HNE	42.70 LE 4 AVR	40.87 LE 12 JAN	1976
1977	41.79 LE 14 MAR A 1815 HNE	41.71 LE 14 MAR	40.80 LE 24 MAR	1977
1978	41.58 LE 26 JAN A 2030 HNE	41.53 LE 25 JAN	40.84 LE 22 MAR	1978
1979	42.13 LE 5 MAI A 1515 HNE	42.07 LE 2 MAI	40.82 LE 30 MAR	1979
1980	41.82 LE 23 MAR A 1620 HNE	41.78 LE 23 MAR	40.59 LE 17 NOV	1980
1981	41.82 LE 26 FEV A 1110 HNE	41.88 LE 26 FEV	40.67 LE 26 SEP	1981
1982	41.67 LE 25 DEC A 1710 HNE	41.64 LE 26 DEC	41.00 LE 4 MAI	1982
1983	42.04 LE 13 MAI A 0050 HNE	42.030 LE 12 MAI	40.638 LE 2 NOV	1983
1984	41.59 LE 29 DEC A 0508 HNE	41.589 LE 29 DEC	40.948 LE 7 MAI	1984
1985	41.69R LE 28 AVR A 1519 HNE	41.670 LE 30 AVR	40.951 LE 12 NOV	1985

PLAN DE REFRENCE - MINISTERE DES TRAVAUX PUBLICS
AJOUTER -40.638 M POUR OBTENIR LES COTES ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

OUTAOUAIS (RIVIERE DES) A HULL - STATION NO. 02LA015

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1954	---	---	---	---	---	---	---	41.22	41.23	41.28	41.30	---	---	1954
1955	---	41.59	41.87	41.88	42.04	41.48	41.31	41.40	41.61	42.23	41.87	42.02	---	1955
1956	42.10	42.06	42.30	42.16	---	---	---	41.46	41.35	41.43	41.67	42.74	---	1956
1957	42.48	42.41	41.94	42.45	42.45	42.14	41.77	41.46	41.43	41.69	42.18	42.04	42.04	1957
1958	42.20	42.12	42.20	42.07	41.59	41.50	41.52	41.39	---	---	41.37	41.51	---	1958
1959	41.72	41.77	41.74	41.88	42.11	41.84	---	---	41.36	41.40	41.78	41.89	---	1959
1960	41.78	41.77	41.81	---	42.06	41.92	41.84	41.62	41.42	41.48	41.65	41.70	---	1960
1961	41.71	41.78	41.95	42.20	42.30	41.57	41.33	41.31	41.29	---	---	---	---	1961
1962	41.57	41.67	41.88	42.10	42.86	41.96	41.85	41.71	41.51	---	---	---	---	1962
1963	42.04	42.21	42.82	42.77	42.65	42.13	41.87	41.53	41.45	41.58	41.91	42.03	---	1963
1964	41.83	41.82	42.27	---	43.90	42.92	41.75	41.41	---	41.56	---	41.96	---	1964
1965	42.09	42.04	42.07	42.10	42.11	41.75	41.35	41.36	41.34	41.43	41.46	41.74	41.74	1965
1966	41.88	---	---	---	---	41.74	41.56	41.51	41.52	41.50	41.42	41.77	---	1966
1967	41.75	41.72	42.29	---	---	---	41.41	41.36	---	41.36	---	---	---	1967
1968	42.13	42.19	41.85	---	42.08	41.84	41.38	41.31	41.27	41.41	---	---	---	1968
1969	---	41.88	42.12	42.51	43.21	41.82	41.60	---	41.36	41.85	41.93	42.35	---	1969
1970	42.27	42.06	42.21	42.40	42.07	41.48	41.45	41.44	41.35	41.69	41.58	---	---	1970
1971	---	42.53	42.26	42.74	42.15	42.04	41.50	41.37	41.54	41.80	41.87	41.58	---	1971
1972	41.805	41.866	41.819	42.146	41.795	41.450	41.336	41.268	41.277	41.336	41.502	41.983	41.599	1972
1973	42.337	42.248	42.140	42.056	42.861	42.216	41.395	41.335	41.273	41.327	41.438	41.744	41.871	1973
1974	41.777	42.017	42.048	42.862	42.040	42.007	41.890	41.443	41.284	41.374	41.628	41.890	41.827	1974
1975	42.288	42.278	42.410	42.335	42.643	41.509	41.448	41.871	41.352	41.342	41.607	41.603	41.837	1975
MOYEN	41.963	41.976	42.080	42.274	42.384	41.841	41.537	41.424	41.292	41.509	41.620	41.909	41.818	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 45 25 53
LONG 75 42 25 REGULARISE

REMARQUES - PRIOR TO APR 1982, WATER LEVELS CONTRIBUTED BY DFO, FISHERIES AND MARINE SERVICE

OUTAOUAIS (RIVIERE DES) A LA MARINA DE SAINTE-ANNE-DE-BELLEVUE - STATION NO. 020A033

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1978	1.305	1.528	1.220	1.858	1.519	1.128	0.882	0.770	0.677	0.850	0.490	0.393	1.015	1978
1979	0.899	1.153	1.286	1.557	1.705	1.152	0.859	0.774	0.894	1.062	1.145	1.282	1.148	1979
1980	1.076	0.954	0.940	1.357	1.269	0.938	0.929	0.989	1.055	1.074	1.044	0.997	1.052	1980
1981	1.08	1.19	1.15	1.34	0.83	0.89	0.76	0.86	1.11	1.16	1.19	1.05	1.08	1981
1982	0.99	1.04	0.89	1.33	1.14	0.84	0.90	0.74	0.89	0.83	0.78	1.01	0.92	1982
1983	0.98	1.00	1.07	1.26	1.88	1.36	0.85	0.75	0.72	0.68	0.82	1.05	1.02	1983
1984	0.96	1.09	1.20	1.80	1.42	1.33	1.18	1.09	0.98	0.89	0.77	0.88	1.10	1984
1985	1.23	1.16	1.33	1.48	1.47	1.05	1.01	1.02	0.94	0.88	0.82	0.92	1.12	1985
MOYEN	1.063	1.138	1.137	1.448	1.381	1.089	0.920	0.875	0.883	0.853	0.895	0.943	1.064	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 20.522 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST LOCAL 1975)

LOCATION - LAT 45 24 08
LONG 73 56 52 REGULARISE

OUTAOUAIS (RIVIERE DES) A LA MARINA DE SAINTE-ANNE-DE-BELLEVUE - STATION NO. 020A033

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1978	---	2.087 LE 15 AVR	0.081 LE 19 DEC *	1978
1979	---	1.956 LE 2 MAI	0.535 LE 3 JAN	1979
1980	---	1.672 LE 17 AVR	0.825 LE 11 MAR	1980
1981	---	2.18 LE 25 FEV *	0.69 LE 2 AOU	1981
1982	---	1.64 LE 29 AVR	0.48 LE 17 OCT	1982
1983	---	2.02 LE 12 MAI	0.55 LE 4 OCT	1983
1984	---	1.83 LE 7 AVR	0.57 LE 14 OCT	1984
1985	---	1.79 LE 8 MAI	0.40 LE 25 DEC	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 20.522 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST LOCAL 1975)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

OUTAOUAIS (RIVIERE DES) A OUYON - STATION NO 02KF004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1915	---	---	---	9.30	9.92	9.96	9.70	9.53	9.35	9.39	9.37	9.41	---	1915
1916	9.40	9.47	9.41	10.56	11.27	10.80	9.81	9.42	9.35	9.23	9.50	---	---	1916
1917	---	---	9.45	10.18	10.78	10.80	10.18	9.85	9.55	9.48	9.49	9.47	---	1917
1918	9.34	9.28	9.30	10.09	10.36	10.18	---	---	---	---	---	---	---	1918
1919	---	---	---	10.44	11.29	10.84	9.73	9.40	9.55	9.92	10.06	---	---	1919
1920	9.67	9.48	9.58	10.18	10.38	9.85	9.55	9.46	9.34	9.30	9.25	9.31	9.61	1920
1921	9.30	9.18	9.66	10.42	10.72	9.81	9.50	---	---	---	---	---	---	1921
1929	---	---	---	---	---	---	---	---	---	---	9.634	9.437	---	1929
1930	9.419	9.354	9.344	9.728	10.388	10.387	10.473	9.699	9.445	9.452	9.378	9.384	9.705	1930
1931	9.313	9.222	9.228	9.765	10.032	9.818	9.476	9.520	9.280	9.280	9.380	9.718	9.500	1931
1932	9.706	9.727	9.677	10.287	10.351	9.845	9.595	9.640	10.101	10.347	10.674	9.926	9.987	1932
1933	9.676	9.451	9.389	10.514	10.632	10.085	9.816	9.350	9.089	8.960	8.979	8.998	9.586	1933
1934	8.970	8.946	8.975	9.221	10.916	9.969	9.802	9.229	9.327	9.457	9.340	9.490	9.507	1934
1935	9.335	9.336	9.572	9.822	9.812	9.575	9.846	9.333	9.177	9.150	9.278	9.175	9.452	1935
1936	9.191	9.205	9.501	10.110	11.067	10.280	9.426	9.211	9.106	9.238	9.416	9.190	9.579	1936
1937	9.472	9.520	9.848	9.817	10.546	9.718	9.377	9.314	9.190	9.346	9.874	9.613	9.626	1937
1938	9.382	9.384	9.726	10.783	10.569	9.762	9.370	9.376	9.376	9.362	9.290	9.235	9.631	1938
1939	9.200	9.207	9.247	9.633	10.741	10.292	9.664	9.252	9.093	9.146	9.240	9.141	9.481	1939
1940	9.058	9.032	9.070	9.496	9.994	10.387	9.700	9.267	9.358	9.206	9.376	9.417	9.446	1940
1941	9.342	9.370	9.389	10.220	10.033	9.409	9.464	9.318	9.318	9.630	9.928	9.618	9.587	1941
1942	9.436	9.391	9.529	10.230	10.081	9.837	9.224	9.154	9.084	9.065	9.135	9.221	9.447	1942
1943	9.286	9.344	9.402	9.765	10.846	10.225	9.603	9.244	9.383	9.284	9.329	9.281	9.581	1943
1944	9.215	9.141	9.239	9.268	9.878	9.385	9.149	9.069	9.091	9.139	9.156	9.234	9.247	1944
1945	9.200	9.148	9.427	10.021	9.985	10.144	9.244	9.082	9.082	9.132	9.201	9.132	9.397	1945
1946	9.062	9.330	9.658	9.882	9.580	9.733	9.185	9.088	9.078	9.128	9.210	9.294	9.349	1946
1947	9.366	9.391	9.344	10.284	11.208	11.241	9.940	9.306	9.094	9.136	9.037	9.123	9.714	1947
1948	9.072	9.127	9.245	9.954	9.895	9.565	9.233	9.084	9.000	8.982	9.034	9.134	9.278	1948
1949	9.229	9.283	9.345	10.300	10.187	9.639	9.562	9.068	9.085	9.123	9.149	9.207	9.430	1949
1950	9.298	9.341	9.292	9.742	10.106	9.580	9.329	9.170	9.183	9.129	9.321	9.421	9.407	1950
1951	9.384	9.420	9.620	11.069	10.261	9.442	9.495	9.173	9.206	9.803	10.089	9.804	9.714	1951
1952	9.632	9.571	9.620	10.252	10.189	9.748	9.242	9.211	9.222	9.202	9.178	9.355	9.534	1952
1953	9.438	9.526	9.739	10.480	9.718	9.297	9.143	9.044	8.974	9.029	9.030	9.070	9.371	1953
1954	9.189	9.300	9.535	10.085	9.840	9.933	9.516	9.255	9.280	9.905	9.830	9.706	9.609	1954
1955	9.618	9.553	9.520	10.449	9.688	9.308	9.107	8.995	8.971	9.175	9.898	9.538	9.486	1955
1956	9.376	9.304	9.294	9.845	10.152	9.867	9.500	9.287	9.504	9.709	9.880	9.643	9.575	1956
1957	9.390	9.418	9.508	9.681	9.632	9.423	10.139	9.254	9.338	9.482	9.731	9.780	9.554	1957
1958	9.649	9.590	9.702	9.958	9.388	9.324	9.327	9.120	9.180	9.283	9.521	9.495	9.458	1958
1959	9.357	9.316	9.301	9.882	10.022	9.446	9.151	9.079	9.222	9.317	9.747	9.716	9.483	1959
1960	9.580	9.578	9.513	10.447	11.289	9.772	9.995	9.544	9.308	9.206	9.270	9.284	9.723	1960
1961	9.248	9.202	9.241	9.580	9.772	9.477	9.360	9.249	9.282	9.385	9.280	---	---	1961
1962	---	---	9.379	9.887	10.057	9.375	9.039	8.836	8.847	8.996	9.053	9.000	---	1962
1963	9.004	9.068	9.142	9.622	9.609	9.363	9.088	8.941	9.081	9.042	9.116	9.384	9.222	1963
1964	9.409	9.398	9.494	9.762	9.785	9.554	9.279	9.026	8.938	9.037	9.083	9.173	9.323	1964
1965	9.284	9.283	9.346	9.576	10.163	9.420	9.093	9.229	9.607	10.093	9.817	9.761	9.557	1965
1966	9.777	9.648	9.843	10.134	9.888	9.818	9.269	9.388	9.215	9.353	9.647	10.501	9.716	1966
1967	9.913	9.849	9.491	10.528	10.526	10.130	9.661	9.237	9.181	9.532	10.052	9.756	9.819	1967
1968	9.887	9.592	9.667	10.219	9.451	9.398	9.437	9.242	9.259	9.217	9.233	9.252	9.471	1968
1969	9.341	9.412	9.465	10.000	10.383	9.821	9.422	9.245	9.155	9.245	9.858	9.672	9.589	1969
1970	9.504	9.429	9.496	9.772	10.315	10.000	9.926	9.585	9.267	9.340	9.607	9.448	9.624	1970
1971	9.437	9.432	9.645	10.081	10.340	9.485	9.029	9.091	8.963	8.979	9.089	9.283	9.395	1971
1972	9.465	9.475	9.597	9.920	10.771	9.804	9.622	9.537	9.496	9.459	9.744	9.638	9.712	1972
1973	9.577	9.648	10.105	10.571	---	9.861	---	---	---	9.178	---	---	---	1973
1974	9.487	9.488	9.792	10.241	11.095	10.377	9.852	9.209	9.121	9.287	9.631	9.632	9.749	1974
1975	---	---	---	9.783	10.068	9.707	9.156	8.987	8.874	9.112	9.169	9.472	---	1975
1976	9.451	9.438	9.782	10.828	10.430	---	9.352	9.171	9.087	9.173	9.210	9.393	---	1976
1977	9.382	9.358	9.810	10.306	9.795	9.184	9.201	9.022	9.036	9.204	9.410	9.717	9.453	1977
1978	9.640	9.855	9.826	9.902	10.208	---	---	---	---	---	---	---	---	1978
MOYEN	9.384	9.384	9.487	10.068	10.288	9.842	9.476	9.282	9.224	9.309	9.440	9.436	9.537	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 48.788 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 31 00 BASSIN VERSANT, 89 900 km²
LONG 75 13 50 REGULARISE

OUTAOUAIS (RIVIERE DES) A SAINTE-ANNE-DE-BELLEVUE - STATION NO. 02OA013

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1919	---	---	---	---	---	---	---	---	---	---	---	---	---	1919
1920	21.81	21.79	22.14	22.44	22.47	21.91	21.73	21.53	21.36	21.26	21.41	21.52	21.78	1920
1921	21.48	21.32	22.03	22.89	22.56	21.78	21.43	21.28	21.11	21.27	21.47	21.55	21.67	1921
1922	21.61	21.50	21.66	22.91	22.87	22.03	21.66	21.42	21.36	21.28	21.30	21.32	21.75	1922
1923	21.29	21.61	21.68	22.06	23.20	22.35	21.77	21.49	21.54	21.40	21.44	21.65	21.78	1923
1924	21.64	21.73	21.70	22.50	23.12	23.51	21.84	21.58	21.52	21.66	21.55	21.75	21.93	1924
1925	21.55	21.72	22.06	22.88	22.56	22.34	22.01	21.74	21.39	21.40	21.63	21.88	21.91	1925
1926	21.88	21.52	21.50	21.95	22.92	22.58	22.10	21.72	21.48	21.43	21.97	22.03	21.91	1926
1927	21.75	21.84	22.07	22.14	22.25	22.32	22.11	21.96	21.61	21.66	22.10	22.13	21.98	1927
1928	21.94	21.90	21.66	23.09	23.77	22.86	22.26	21.83	21.93	22.46	22.58	22.13	22.39	1928
1929	22.05	21.86	22.14	22.96	23.94	22.61	22.08	21.82	21.49	21.48	21.69	21.80	22.08	1929
1930	21.80	21.92	21.80	22.14	22.38	22.32	22.36	2.80	21.58	21.55	21.47	21.48	21.88	1930
1931	21.60	21.48	21.47	21.93	22.63	21.82	21.52	2.46	21.33	21.34	21.41	21.62	21.58	1931
1932	21.73	21.77	21.88	22.51	22.27	21.84	21.70	2.68	22.08	22.31	22.67	22.12	22.03	1932
1933	21.85	21.74	21.86	22.99	23.00	22.14	21.89	2.80	21.40	21.32	21.38	21.45	21.85	1933
1934	21.49	21.76	21.81	22.86	23.19	22.27	21.86	2.48	21.46	21.58	21.56	21.77	21.90	1934
1935	21.77	21.88	21.91	22.28	22.16	21.84	21.90	2.85	21.52	21.49	21.63	21.59	21.78	1935
1936	21.82	21.88	22.34	22.56	23.36	22.56	21.73	2.50	21.49	21.74	21.96	21.84	22.03	1936
1937	21.97	21.92	2.84	22.47	22.80	2.99	21.61	2.55	21.46	21.61	22.11	21.94	21.95	1937
1938	21.79	21.78	20.20	23.13	22.84	22.07	21.89	21.50	21.52	21.61	21.55	21.87	21.93	1938
1939	21.67	21.85	21.66	22.23	23.03	23.34	21.97	21.88	21.60	21.82	21.40	21.82	21.91	1939
1940	21.59	21.55	21.56	22.18	22.46	23.80	22.03	21.59	21.59	21.49	21.58	21.63	21.82	1940
1941	21.74	21.72	21.70	22.49	22.21	21.89	21.61	21.57	21.58	21.85	22.19	21.99	21.88	1941
1942	21.89	21.82	22.01	22.80	22.47	23.17	21.85	21.64	21.48	21.46	21.58	21.64	21.86	1942
1943	21.82	21.79	21.91	23.47	23.43	22.72	21.95	21.84	21.68	21.61	21.72	21.68	22.04	1943
1944	21.75	21.68	21.85	21.84	22.21	21.87	21.52	21.44	21.43	21.48	21.48	21.54	21.84	1944
1945	21.85	21.83	22.01	22.48	22.41	22.34	21.85	21.85	21.50	21.67	21.72	21.67	21.85	1945
1946	21.80	21.95	22.26	22.21	22.00	22.03	21.56	21.47	21.44	21.53	21.68	21.89	21.81	1946
1947	21.95	21.96	21.88	22.87	23.81	23.89	22.36	21.74	21.59	21.58	21.56	21.59	22.22	1947
1948	21.84	21.84	21.92	22.40	23.20	21.96	21.58	21.61	21.43	21.38	21.35	21.47	21.70	1948
1949	21.67	21.86	21.76	22.80	22.42	21.88	21.86	21.49	21.47	21.49	21.46	21.62	21.79	1949
1950	21.80	21.71	21.73	22.43	22.30	21.98	21.70	21.55	21.54	21.50	21.70	21.84	21.82	1950
1951	21.91	21.89	22.09	23.88	23.65	21.86	21.82	21.64	21.64	21.85	22.38	22.24	22.14	1951
1952	22.16	22.08	22.01	22.87	22.72	22.30	21.85	21.87	21.68	21.70	21.63	21.88	22.06	1952
1953	21.86	21.94	22.27	23.88	23.15	21.70	21.58	21.48	21.41	21.44	21.42	21.46	21.80	1953
1954	21.80	21.83	21.93	22.75	22.27	22.15	21.86	21.66	21.89	22.22	22.24	22.08	22.01	1954
1955	22.10	22.02	22.03	23.14	22.15	21.70	21.83	21.40	21.37	21.48	21.83	21.83	21.89	1955
1956	21.75	21.87	21.71	22.38	23.43	23.15	21.85	21.80	22.01	22.02	21.80	21.81	21.95	1956
1957	21.94	21.86	21.91	21.95	21.93	21.74	22.36	21.68	21.68	21.87	22.10	22.15	21.93	1957
1958	22.07	22.05	22.08	22.44	21.85	21.75	21.77	21.63	21.72	21.85	21.94	21.91	21.92	1958
1959	21.91	21.93	21.79	22.50	22.24	21.79	21.87	21.55	21.63	21.70	22.03	22.06	21.89	1959
1960	22.02	22.07	21.85	23.07	23.34	22.10	22.24	21.92	---	21.64	---	21.68	---	1960
1961	---	21.94	21.86	22.11	22.15	21.87	---	21.80	---	21.76	21.84	21.83	---	1961
1962	21.87	21.94	21.80	22.49	22.36	21.76	21.52	21.52	---	21.46	21.54	21.46	---	1962
1963	21.64	21.89	21.58	22.48	---	---	21.50	21.43	21.53	21.49	21.62	21.88	---	1963
1964	21.78	21.72	21.89	22.22	22.06	21.83	21.81	21.45	21.38	21.43	21.45	21.59	21.70	1964
1965	21.86	21.71	21.70	21.88	22.28	21.85	21.67	21.62	21.88	22.45	22.23	22.15	21.80	1965
1966	22.15	22.03	22.21	22.45	22.24	22.06	21.85	21.73	21.61	21.65	21.89	---	---	1966
1967	22.12	22.21	---	---	22.56	22.34	22.01	21.68	21.84	21.99	22.54	22.14	---	1967
1968	22.21	22.11	22.17	22.82	21.85	21.75	21.84	21.71	21.65	21.67	21.60	21.74	21.80	1968
1969	21.94	21.88	21.86	22.61	22.66	22.13	21.89	21.85	21.63	21.61	22.02	21.97	22.00	1969
1970	21.94	21.84	21.62	22.37	22.61	22.23	22.14	21.96	21.71	21.75	21.85	21.88	22.01	1970
1971	21.91	21.95	21.89	22.71	22.67	21.84	21.96	21.57	21.53	21.46	21.44	21.62	21.85	1971
1972	21.72	21.78	21.80	22.55	23.13	22.39	22.31	22.15	22.02	22.03	22.28	22.14	22.18	1972
1973	22.19	22.24	22.80	22.92	22.86	22.44	22.21	21.94	21.83	21.90	21.84	21.96	22.26	1973
1974	22.03	22.00	22.26	22.84	23.63	22.95	22.21	21.84	21.68	21.88	21.98	22.05	22.26	1974
1975	21.99	21.98	22.05	22.48	22.43	22.07	---	21.48	21.44	21.52	21.61	21.87P	---	1975
1976	21.96	21.99	22.34	---	22.85	22.11	22.01	21.81	21.68	21.76	21.64	21.81	---	1976
1977	21.98	21.83	22.41	22.76	23.14	21.56	21.89	21.52	21.55	21.80	21.85	22.21	21.93	1977
1978	22.28	22.31	22.03	22.71	22.51	21.85	21.89	21.54	21.46	21.63	21.80	21.72	21.94	1978
1979	---	---	22.35	22.89	23.18	22.15	21.81	21.72	21.78	22.02	22.24	22.43	---	1979
1980	22.28	22.06	22.11	22.69	22.34	21.83	---	21.91	21.77	22.09	22.13	22.06	---	1980
1981	---	22.38	---	22.95	22.40	22.31	21.84	21.68	21.95	21.96	22.08	21.86	---	1981
1982	21.89	21.95	21.84	22.57	---	---	21.62	---	---	21.50	21.78	---	---	1982
1983	---	---	---	---	---	---	---	---	21.46	21.51	21.80	22.08	---	1983
1984	21.84	22.05	22.12	23.00	22.21	22.34	22.08	21.85	21.77	21.64	21.96	22.12	22.09	1984
1985	22.30	22.17	22.39	---	---	21.81	21.77	21.52	21.64	21.62	21.72	---	---	1985
MOYEN	21.84	21.84	21.85	22.57	22.80	22.12	21.82	21.65	21.59	21.64	21.79	21.82R	21.92	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)
AJOUTER 0.082 M POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 24 17
LONG 73 57 25

REGULARISE

DONNEES FOURNIES PAR - SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

R - REVISEE DEPUIS JAN 1980

REMARQUES - DONNEES PUBLIEES COMME RECUES MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

OUTAOUAIS (RIVIERE DES) A SAINTE-ANNE-DE-BELLEVUE - STATION NO. 02OA013

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1919	4.50 EN DEC	---	---	1919
1920	22.68 LE 26 MAR	22.67 LE 4 MAI	21.17 LE 23 OCT	1920
1921	22.98 LE 7 MAI A 2400 HNE	22.97 LE 7 MAI	21.01 LE 27 SEP *	1921
1922	23.82 LE 21 AVR	23.80 LE 21 AVR	21.24 LE 7 OCT	1922
1923	23.35 LE 10 MAI A 1800 HNE	23.34 LE 23 MAI	21.23 LE 8 JAN	1923
1924	23.37 LE 19 MAI	23.34 LE 19 MAI	21.38 LE 8 SEP	1924
1925	22.94 LE 31 MAR A 1900 HNE	22.93 LE 31 MAR	21.35 LE 14 OCT	1925
1926	23.07 LE 29 MAI A 1230 HNE	23.06 LE 29 MAI	21.33 LE 16 OCT	1926
1927	22.79 LE 21 MAR A 1200 HNE	22.79 LE 21 MAR	21.53 LE 12 OCT	1927
1928	24.08 LE 15 MAI A 1600 HNE	24.07 LE 15 MAI	21.70 LE 10 SEP	1928
1929	23.79 LE 12 MAI A 1230 HNE	23.78 LE 11 MAI	21.41 LE 22 OCT	1929
1930	22.62 LE 8 JUL A 1100 HNE	22.60 LE 8 JUL	21.41 LE 27 DEC	1930
1931	22.34 LE 29 AVR A 1530 HNE	22.30 LE 30 AVR	21.28 LE 9 SEP	1931
1932	23.04 LE 14 AVR	23.03 LE 14 AVR	21.51 LE 12 JAN	1932
1933	23.51 LE 23 AVR A 1530 HNE	23.49 LE 22 AVR	21.28 LE 3 OCT	1933
1934	23.72 LE 13 AVR A 2200 HNE	23.69 LE 13 AVR	21.37 LE 4 SEP	1934
1935	22.56 LE 4 MAI A 1000 HNE	22.53 LE 4 MAI	21.43 LE 4 SEP	1935
1936	23.86 LE 20 MAI	23.84 LE 18 MAI	21.40 LE 8 SEP	1936
1937	23.15 LE 8 MAI A 1730 HNE	23.13 LE 8 MAI	21.38 LE 15 SEP	1937
1938	23.60 LE 27 MAR	23.59 LE 27 MAR	21.42 LE 6 SEP	1938
1939	23.34 LE 13 MAI A 2000 HNE	23.32 LE 12 MAI	21.50 LE 23 JAN	1939
1940	23.03 LE 5 JUN A 2400 HNE	22.98 LE 5 JUN	21.42 LE 28 OCT	1940
1941	23.33 LE 28 AVR A 1100 HNE	23.31 LE 27 AVR	21.45 LE 11 AOU	1941
1942	23.05 LE 30 AVR	23.03 LE 29 AVR	21.34 LE 8 SEP	1942
1943	24.13 LE 14 MAI A 1300 HNE	24.12 LE 14 MAI	21.52 LE 12 OCT	1943
1944	22.62 LE 13 MAI A 1700 HNE	22.58 LE 12 MAI	21.32 LE 5 SEP	1944
1945	23.33 LE 5 AVR A 1500 HNE	23.29 LE 5 AVR	21.40 LE 17 AOU	1945
1946	22.62 LE 19 MAR A 1200 HNE	22.62 LE 17 MAR	21.37 LE 4 SEP	1946
1947	24.10 LE 29 MAI A 2400 HNE	24.09 LE 30 MAI	21.47 LE 2 SEP	1947
1948	22.70 LE 24 MAR	22.70 LE 23 MAR	21.27 LE 9 NOV	1948
1949	23.02 LE 30 AVR A 1930 HNE	23.01 LE 30 AVR	21.35 LE 7 SEP	1949
1950	22.85 LE 7 AVR A 1730 HNE	22.85 LE 7 AVR	21.41 LE 10 OCT	1950
1951	24.26 LE 19 AVR A 2300 HNE	24.25 LE 20 AVR *	21.52 LE 4 SEP	1951
1952	23.28 LE 8 AVR A 2200 HNE	23.27 LE 8 AVR	21.55 LE 4 NOV	1952
1953	23.37 LE 30 MAR A 1630 HNE	23.37 LE 30 MAR	21.34 LE 9 SEP	1953
1954	23.29 LE 18 AVR A 1530 HNE	23.27 LE 18 AVR	21.44 LE 3 JAN	1954
1955	23.61 LE 21 AVR A 2330 HNE	23.59 LE 21 AVR	21.27 LE 6 SEP	1955
1956	22.82 LE 18 AVR A 1100 HNE	22.80 LE 18 AVR	21.56 LE 2 AVR	1956
1957	22.84 LE 10 JUL A 1000 HNE	22.84 LE 10 JUL	21.46 LE 4 SEP	1957
1958	22.70 LE 2 AVR A 2300 HNE	22.69 LE 2 AVR	21.54 LE 19 AOU	1958
1959	22.96 LE 11 AVR	22.96 LE 11 AVR	21.45 LE 4 AOU	1959
1960	23.73 LE 17 MAI A 1120 HNE	---	---	1960
1961	22.39 LE 3 MAI	---	---	1961
1962	22.81 LE 10 AVR A 1550 HNE	---	---	1962
1963	23.09 LE 5 AVR	---	---	1963
1964	22.73 LE 28 AVR A 1210 HNE	22.66 LE 25 AVR	21.29 LE 8 SEP	1964
1965	22.67 LE 24 OCT A 2347 HNE	22.60 LE 24 OCT	21.29 LE 2 AOU	1965
1966	23.18 LE 27 AVR	---	---	1966
1967	23.30 LE 11 MAI A 1040 HNE	---	---	1967
1968	23.08 LE 31 MAR A 1738 HNE	23.02 LE 31 MAR	21.47 LE 18 NOV	1968
1969	23.14 LE 21 MAI A 1521 HNE	23.06 LE 21 MAI	21.51 LE 15 SEP	1969
1970	23.06 LE 7 MAI A 1053 HNE	23.00 LE 6 MAI	21.58 LE 7 SEP	1970
1971	23.61 LE 22 AVR A 1146 HNE	23.58 LE 22 AVR	21.35 LE 7 SEP	1971
1972	23.80 LE 8 MAI A 1040 HNE	23.66 LE 8 MAI	21.61 LE 2 JAN	1972
1973	23.69 LE 19 MAR A 2325 HNE	23.63 LE 19 MAR	21.69 LE 31 OCT	1973
1974	24.21 LE 22 MAI A 1922 HNE	24.11 LE 22 MAI	21.56 LE 25 SEP	1974
1975	23.45 LE 21 AVR	---	---	1975
1976	24.30 LE 5 AVR *	---	---	1976
1977	23.53 LE 17 MAR	23.49 LE 17 MAR	21.41 LE 17 SEP	1977
1978	23.24 LE 30 AVR	23.2. LE 18 AVR	21.39 LE 10 SEP	1978
1979	23.74 LE 4 MAI A 1540 HNE	---	---	1979
1980	23.33 LE 17 AVR A 1502 HNE	---	---	1980
1981	23.76 LE 26 FEV A 1825 HNE	23.72 LE 26 FEV	21.55 LE 28 AOU	1981
1982	23.03 LE 22 AVR	23.00 LE 23 AVR	21.33 LE 12 SEP	1982
1983	23.84 LE 13 MAI A 1702 HNE	23.75 LE 13 MAI	21.36 LE 16 SEP	1983
1984	23.39 LE 19 AVR	23.38 LE 19 AVR	21.59 LE 6 OCT	1984
1985	23.49 LE 30 AVR A 2113 HNE	23.46 LE 1 MAI	21.52 LE 30 OCT	1985

PLAN DE REFRENCE - INTERNATIONAL DES GRANDS LACS (1955)
AJOUTER 0.082 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

OUTAOUAIS (RIVIERE DES) AU BARRAGE DE RAPIDE-SEPT - STATION NO 02JB005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1969	---	---	---	---	---	---	---	---	---	309.63R	309.76R	309.16R	---	1969
1970	309.08R	309.42R	308.98R	307.95R	309.15R	309.60R	309.80R	309.89R	309.74R	309.82R	309.77R	309.49R	309.37R	1970
1971	309.73R	309.62R	309.17R	308.18R	308.87R	309.42R	309.73R	309.60R	309.57R	309.60R	309.72R	309.83R	309.42R	1971
1972	309.80R	309.34R	308.98R	308.10R	309.24R	309.69R	309.71R	309.68R	309.71R	309.85R	309.48R	309.42R	309.40R	1972
1973	309.60R	309.70R	309.07R	308.64R	309.52R	309.89R	309.71R	309.79R	309.77R	309.56R	309.36R	309.55R	309.50R	1973
1974	309.70R	309.36R	309.01R	308.37R	309.56R	309.51R	309.63R	309.65R	309.48R	309.73R	309.63R	309.07R	309.39R	1974
1975	309.17R	309.37R	309.87R	307.87R	309.34R	309.67R	309.34R	309.53R	309.66R	309.70R	309.55R	309.56R	309.30R	1975
1976	309.56R	309.67R	309.48R	309.38R	309.63R	309.76R	309.77R	309.57R	309.61R	309.65R	309.51R	309.56R	309.60R	1976
1977	309.62R	309.52R	309.12R	308.76R	309.47R	308.60R	309.59R	309.54R	309.56R	309.64R	309.68R	309.68R	309.48R	1977
1978	309.51R	309.26R	309.73R	307.65R	309.72R	309.39R	309.47R	309.44R	309.38R	309.64R	309.48R	309.57R	309.19R	1978
1979	309.56R	309.35R	309.16R	308.27R	309.45R	309.58R	309.59R	309.65R	309.60R	---	---	---	---	1979
1980	---	---	---	---	---	---	---	---	---	---	---	---	---	1980
1981	309.09	308.88	308.50	307.02	308.16	309.31	309.31	309.21	309.27	309.34	309.14	309.13	308.87	1981
1982	309.09	308.61	308.32	307.79	309.16	309.27	309.25	309.21	309.22	309.20	309.38	309.27	309.98	1982
1983	309.05	308.72	308.53	307.92	309.22	309.27	309.37	309.21	309.23	309.30	309.20	309.17	309.02	1983
1984	308.85	308.73	307.96	308.28	309.33	309.14	309.03	309.09	309.27	309.20	---	---	---	1984
MOYEN	309.37R	309.25R	308.85R	308.16R	309.20R	309.49R	309.52R	309.48R	309.51R	309.53R	309.49R	309.41R	309.29R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 304.800 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 47 46 08 BASSIN VERSANT, 13 100 km²
LONG 78 18 38 REGULARISE

DONNEES FOURNIES PAR - HYDRO-QUEBEC

R - REVISEE DEPUIS JAN 1980

OUTAOUAIS (RIVIERE DES) AU BARRAGE DE RAPIDE-SEPT - STATION NO 02JB005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1969	---	---	---	1969
1970	---	309.89R LE 23 JUL	307.54R LE 23 AVR	1970
1971	---	309.89R LE 12 DEC	307.85R LE 21 AVR	1971
1972	---	309.92R LE 13 OCT *	307.62R LE 27 AVR	1972
1973	---	309.92R LE 28 AOU	308.34R LE 4 AVR	1973
1974	---	309.86R LE 16 MAI	308.12R LE 19 AVR	1974
1975	---	309.80R LE 4 OCT	307.54R LE 23 AVR	1975
1976	---	309.92R LE 3 JUL	308.16R LE 28 MAR	1976
1977	---	309.80R LE 24 JUN	308.34R LE 12 AVR	1977
1978	---	309.68R LE 3 OCT	307.38R LE 24 AVR	1978
1979	---	309.74R LE 1 JUL	307.79R LE 16 AVR	1979
1980	---	---	---	1980
1981	---	309.44 LE 14 JUL	308.74 LE 24 AVR *	1981
1982	---	309.51 LE 23 NOV	307.42 LE 13 AVR	1982
1983	---	309.44 LE 4 AOU	307.80 LE 18 AVR	1983
1984	---	309.45 LE 14 SEP	307.40 LE 29 MAR	1984
1985	---			1985
1986	---			1986

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 304.800 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

OUTAOUAIS (RIVIERE DES) AU LAC GRANET - STATION NO 02JB009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	28.42	28.42	28.49	---	1982
1983	28.84	28.83	28.62	27.84	28.35	29.06	28.70	28.56	28.65	28.51	28.58	28.97	28.84	1983
1984	28.81	28.70	28.50	28.07	28.17	28.63	28.68	28.43	28.42	28.70R	28.94R	28.97R	28.63R	1984
1985	28.86	28.84	28.51	27.87	28.30	25.45	28.64	28.59	28.77	---	---	---	---	1985
MOYEN	28.81	28.82	28.54	27.96	28.27	28.66	28.67	28.53	28.62	28.54R	28.65R	28.81R	28.62R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 50 39 BASSIN VERSANT, 10 300 km²
LONG 77 33 00 REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

OUTAOUAIS (RIVIERE DES) AU LAC GRANET - STATION NO. 02JB009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	29.31 LE 14 JUN *	27.84 LE 11 AVR	1983
1984	---	29.01R LE 29 DEC	27.82 LE 12 AVR	1984
1985	---	29.02 LE 2 JAN	27.70 LE 18 AVR *	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

OUTAOUAIS (RIVIERE DES) AU RESERVOIR DOZOIS - STATION NO 02JA003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	339.77	338.36	337.46	338.20	342.34	345.25	345.18	345.74	346.13	346.07	345.81	345.13	342.88	1965
1966	343.78	342.02	341.04	341.03	343.78	345.19	345.34	345.42	345.61	345.28	345.47	345.08	344.22	1966
1967	344.84	342.47	340.09	340.56	344.82	345.80	345.54	344.37	342.72	343.21	345.24	345.30	343.78	1967
1968	343.62	340.77	337.59	339.91	343.86	343.71	343.80	343.66	343.05	342.89	342.91	342.25	342.34	1968
1969	340.83	339.05	337.81	339.22	343.17	345.34	345.61	345.20	344.30	343.15	344.12	344.35	342.67	1969
1970	342.12	339.34	337.49	338.34	343.13	345.50	345.76	345.55	344.75	344.32	343.68	342.61	342.73	1970
1971	341.01	339.43	337.46	338.76	342.92	344.47	344.04	343.52	342.74	342.52	342.30	342.02	341.78	1971
1972	341.30	339.49	337.39	338.13	342.43	345.30	345.49	344.88	344.33	344.51	344.58	343.34	342.62	1972
1973	341.31	338.21	337.85	340.84	344.77	345.53	345.69	345.49	345.85	345.85	345.61	344.32	343.53	1973
1974	342.71	340.56	337.75	338.58	344.31	345.68	345.58	345.47	344.70	344.51	345.22	344.54	343.32	1974
1975	342.50	339.60	337.27	337.87	342.86	345.28	345.38	343.92	342.96	342.78	342.32	343.05	342.17	1975
1976	342.06	339.64	337.47	341.82	345.47	345.85	345.91	345.82	345.47	344.96	344.67	343.82	343.59	1976
1977	342.52	340.07	337.82	340.42	345.23	345.55	345.69	345.63	345.27	344.71	344.51	343.49	343.43	1977
1978	341.85	338.73	337.26	337.78	342.09	344.51	344.70	344.54	343.72	343.46	343.77	342.81	342.11	1978
1979	341.37	338.69	337.19	338.80	344.70	345.70	345.69	345.49	345.74	345.91	345.85	345.57	343.49	1979
1980	344.10	340.98	337.83	340.56	344.22	344.53	343.86	343.66	343.73	343.80	344.12	343.80	342.93	1980
1981	341.71	339.37	338.42	343.18	345.77	345.78	345.48	344.56	342.56	341.64	341.42	341.58	342.73	1981
1982	341.28	339.13	337.22	338.31	343.04	344.24	344.10	343.23	342.32	341.89	341.37	342.45	341.55	1982
1983	342.39	340.34	337.81	339.80	344.05	345.74	345.15	344.27	342.80	342.48	342.03	341.35	342.34	1983
1984	341.19	339.50	337.34	338.33	343.77	345.80	345.84	345.65	345.07	344.19	343.17	342.43	342.77	1984
1985	341.91	339.82	337.80	339.05	344.00	345.29	345.13	345.32	344.45	343.63	342.01	341.85	342.48	1985
1986	340.85	337.98	337.79	340.80	345.22	345.51	344.52	343.91	343.62	---	---	---	---	1986
MOYEN	342.04	339.75	337.90	339.51	343.90	345.25	345.16	344.81	344.18	343.86	343.83	343.43	342.84	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 304.800 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 47 36 46 LONG 77 18 26 — BASSIN VERSANT, 8 210 km² — REGULARISE — DONNEES FOURNIES PAR - HYDRO-QUEBEC

OUTAOUAIS (RIVIERE DES) AU RESERVOIR DOZOIS - STATION NO 02JA003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	346.29 LE 29 AOU *	337.11 LE 18 MAR	1965
1966	---	346.21 LE 11 DEC	340.39 LE 14 AVR	1966
1967	---	346.00 LE 14 JUN	339.50 LE 31 MAR	1967
1968	---	344.73 LE 1 JAN	336.48 LE 25 MAR *	1968
1969	---	345.66 LE 30 JUN	336.87 LE 11 MAR	1969
1970	---	345.98 LE 26 JUL	336.95 LE 18 MAR	1970
1971	---	344.67 LE 8 JUN	336.82 LE 17 MAR	1971
1972	---	345.62 LE 9 JUL	336.84 LE 19 MAR	1972
1973	---	345.97 LE 24 OCT	337.31 LE 15 MAR	1973
1974	---	345.81 LE 16 JUN	336.84 LE 26 MAR	1974
1975	---	345.72 LE 28 JUN	336.71 LE 25 MAR	1975
1976	---	345.94 LE 14 JUL	336.73 LE 15 MAR	1976
1977	---	345.76 LE 27 MAI	337.16 LE 15 MAR	1977
1978	---	344.75 LE 2 JUL	336.82 LE 6 MAR	1978
1979	---	346.04 LE 11 OCT	336.65 LE 13 MAR	1979
1980	---	345.18 LE 1 JAN	336.80 LE 13 MAR	1980
1981	---	345.89 LE 15 MAI	336.88 LE 16 FEV	1981
1982	---	344.33 LE 10 JUN	336.74 LE 18 MAR	1982
1983	---	345.84 LE 3 JUN	336.90 LE 17 MAR	1983
1984	---	346.89 LE 21 JUL	336.70 LE 21 MAR	1984
1985	---	345.48 LE 9 AOU	336.90 LE 14 MAR	1985
1986	---	---	---	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 304.800 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

OUTAOUAIS (RIVIERE DES) BARRAGE DES RAPIDES DES QUINZE - STATION NO. 02JB008

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	263.14	263.22	263.20	---	1982
1983	262.82	261.83	261.01	261.11	263.05	263.42	263.33	263.03	262.72	263.17	263.00	262.71	262.58	1983
1984	262.08	261.33	260.81	261.80	263.07	263.41	263.40	263.38	263.08	---	---	---	---	1984
1985	---	261.85	260.88	260.81	263.23	263.36	263.36	263.28	262.90	262.77	262.65	262.73	---	1985
1986	262.20	261.35	260.65	261.31	263.13	263.32	263.21	263.00	263.05	263.13	---	---	---	1986
MOYEN	262.30	261.62	260.87	261.21	263.13	263.38	263.33	263.17	262.84	263.06	263.02	262.68	262.58	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 35 28 LONG 75 17 42 — BASSIN VERSANT, 23 400 km² — REGULARISE — DONNEES FOURNIES PAR - HYDRO-QUEBEC

OUTAOUAIS (RIVIERE DES) BARRAGE DES RAPIDES DES QUINZE - STATION NO 02JB003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	283.80 LE 1 JUN *	280.88 LE 2 AVR	1984
		283.49 LE 27 MAI	280.82 LE 18 MAR	
1985	---	---	---	1985
1986	---	283.39 LE 23 JUN	280.81 LE 29 MAR *	1986

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

OUTARDES (RIVIERE AUX) A LA CENTRALE NO 3 - STATION NO 02TE003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	229.75	229.84	229.87	---	1982
1983	229.85	229.78	229.84	229.73	229.67	229.68	229.70	229.73	229.78	229.71	229.83	229.78	229.76	1983
1984	229.77	229.71	229.67	229.64	229.75	229.68	229.05	229.59	229.79	229.67	229.63	229.76	229.63	1984
1985	229.75	229.67	229.62	229.65	229.67	229.62	229.64	229.69	229.68	229.65	229.69	229.29	229.62	1985
1986	229.28	229.64	229.75	229.67	229.62	229.50	229.56	229.43	229.48	229.50	---	---	---	1986
MOYEN	229.66	229.68	229.67	229.80	229.68	229.62	229.24	229.61	229.69	229.64	229.75	229.68	229.64	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 49 33 30 BASSIN VERSANT, 17 900 km^2 DONNEES FOURNIES PAR -
LONG 68 43 15 REGULARISE HYDRO-QUEBEC

OUTARDES (RIVIERE AUX) A LA CENTRALE NO 3 - STATION NO 02TE003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	230.19 LE 7 FEV	228.80 LE 26 OCT	1984
		232.01 LE 24 JUL *	202.00 LE 25 JUL *	
1985	---	230.09 LE 10 OCT	228.94 LE 9 DEC	1985
1986	---	230.34 LE 8 JUN	228.84 LE 7 JAN	1986

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

OUTARDES (RIVIERE AUX) A LA CENTRALE NO 4 - STATION NO 02TE002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	352.14	352.20	351.92	---	1982
1983	351.23	350.11	348.73	347.87	350.70	352.35	353.26	353.34	---	353.33	352.93	352.76	---	1983
1984	352.42	351.66	350.39	347.80	348.09	351.10	352.48	353.22	352.89	352.92	352.59	351.94	351.46	1984
1985	351.06	350.02	349.60	348.28	350.04	352.87	353.16	352.99	352.77	352.88	352.34	351.13	351.52	1985
1986	349.43	347.80	345.74	344.31	346.42	348.77	349.69	349.82	349.79	350.16	---	---	---	1986
MOYEN	351.04	349.85	348.62	347.32	348.81	351.27	352.15	352.34	351.82	352.29	352.52	351.94	351.49	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

* LOCATION - LAT 49 42 25 BASSIN VERSANT, 17 200 km^2 DONNEES FOURNIES PAR -
LONG 68 54 28 REGULARISE HYDRO-QUEBEC

OUTARDES (RIVIERE AUX) A LA CENTRALE NO 4 - STATION NO 02TE002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	353.45 LE 8 AOU	346.81 LE 29 AVR	1984
1985	---	353.50 LE 26 JUN *	349.18 LE 25 AVR	1985
1986	---	350.33 LE 1 JAN	343.97 LE 25 AVR *	1986

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PAPINEAU (LAC) - STATION NO. 02LC014

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	375.32	375.32	375.30	375.53	375.51	375.48	375.51	375.59	375.60	375.63	375.53	375.51	375.47	1963
1964	375.60	375.18	375.15	375.51	375.65	375.60	375.60	375.35	375.34	375.15	376.22	375.54	375.37	1964
1965	375.53	375.54	375.21	375.37	375.56	375.42	375.47	375.46	375.49	375.55	375.56	375.51	375.47	1965
1966	375.51	375.51	375.46	375.43	375.62	375.49	375.46	375.45	375.48	375.48	375.61	375.61	375.50	1966
1967	375.79	375.73	375.61	375.81	375.78	375.79	375.70	375.70	375.75	375.78	375.75	375.75	375.74	1967
1968	375.72	375.63	375.57	375.85	375.66	375.73	375.68	375.69	375.60	375.75	375.74	375.75	375.70	1968
1969	375.74	375.69	375.58	375.81	375.82	375.78	375.72	375.70	375.73	375.72	375.78	375.64	375.72	1969
1970	375.56	375.64	375.41	375.67	375.79	375.81	375.76	375.77	375.80	375.82	375.80	375.76	375.71	1970
1971	375.71	375.69	375.58	375.80	375.84	375.71	375.70	375.69	375.70	375.68	375.69	375.68	375.69	1971
1972	375.65	375.70	375.68	375.67	375.91	375.76	375.75	375.74	375.71	375.77	375.66	375.72	375.73	1972
1973	375.73	375.67	375.68	375.78	375.73	375.76	375.80	375.78	375.78	375.73	375.74	375.73	375.74	1973
1974	375.75	375.77	375.63	375.71	375.85	375.80	375.81	375.78	375.77	375.78	375.80	375.80	375.77	1974
1975	375.78	375.76	375.57	---	375.85	375.81	375.78	375.72	375.71	375.76	375.79	375.77	---	1975
1976	375.75	375.74	375.66	375.91	375.71	---	375.78	375.75	375.79	375.81	375.78	375.76	---	1976
1977	375.74	375.74	375.63	375.81	375.75	375.78	375.77	375.79	375.68	375.75	375.84	375.81	375.76	1977
1978	375.77	375.66	---	375.62	375.81	375.79	375.76	375.76	375.73	---	375.77	375.79	---	1978
1979	375.79	375.73	375.62	375.76	375.75	375.78	375.76	375.75	375.68	375.71	375.80	375.78	375.74	1979
1980	375.77	375.72	375.64	375.81	375.76	375.78	375.80	375.80	375.83	375.76	375.76	375.76	375.76	1980
1981	375.72	375.79	375.61	375.84	375.81	375.82	375.75	374.76	375.77	375.72	375.78	375.74	375.76	1981
1982	375.73	375.71	375.59	375.67	375.79	375.78	375.76	376.73	375.73	375.74	375.74	375.74	375.73	1982
1983	375.67	375.66	375.59	375.67	375.83	375.75	375.71	375.69	375.69	375.76	375.77	375.74	375.71	1983
1984	375.71	375.71	375.47	375.80	375.81	375.79	375.78	375.76	375.75	375.78R	375.80R	375.77R	375.74R	1984
1985	375.72	375.69	375.51	375.73	375.82	375.78	375.76	375.74	375.74	---	---	---	---	1985
MOYEN	375.68	375.64	375.53	375.70	375.75	375.72	375.71	375.69	375.68	375.69R	375.71R	375.71R	375.67R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 07 21 LONG 74 17 39 — BASSIN VERSANT 17.8 km² — REGULARISE — DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC — R - REVISEE DEPUIS JAN 1980

PAPINEAU (LAC) - STATION NO. 02LC014

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	377.33 LE 3 AOU *	375.21 LE 26 MAR	1963
1964	---	376.03 LE 23 AVR	375.06 LE 21 FEV	1964
1965	---	375.75 LE 24 OCT	374.92 LE 2 AVR	1965
1966	---	375.80 LE 22 AVR	374.91 LE 6 AVR *	1966
1967	---	376.10 LE 18 JUN	375.59 LE 17 MAI	1967
1968	---	376.02 LE 14 AVR	375.12 LE 7 SEP	1968
1969	---	376.11 LE 18 AVR	375.43 LE 10 FEV	1969
1970	---	376.18 LE 1 MAI	375.39 LE 5 AVR	1970
1971	---	375.94 LE 6 MAI	375.41 LE 28 MAR	1971
1972	---	376.17 LE 8 MAI	375.53 LE 20 NOV	1972
1973	---	376.07 LE 1 JUL	375.51 LE 13 AVR	1973
1974	---	376.15 LE 30 AVR	375.43 LE 4 AVR	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	376.13 LE 22 AVR	375.43 LE 28 MAR	1977
1978	---	---	---	1978
1979	---	376.13 LE 28 AVR	375.37 LE 2 OCT	1979
1980	---	376.17 LE 10 AVR	375.53 LE 27 MAR	1980
1981	---	376.36 LE 5 AVR	375.47 LE 12 MAR	1981
1982	---	376.09 LE 19 AVR	375.39 LE 13 AVR	1982
1983	---	376.10 LE 4 MAI	375.41 LE 2 AVR	1983
1984	---	376.03 LE 18 AVR	375.38 LE 30 MAR	1984
1985	---	376.12 LE 27 AVR	375.35 LE 26 MAR	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PERIBONCA (RIVIERE) A LA CENTRALE DE CHUTE-A-LA-SAVANE - STATION NO. 02RC002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1983	137.90	137.89	137.89	137.89	137.89	137.90	137.90	137.89	137.90	137.90	137.90	137.90	137.90	1983
1984	137.88	137.89	137.86	137.89	137.89	137.89	137.90	137.89	137.88	137.89	137.85	137.88	137.88	1984
1985	137.88	137.89	137.89	137.90	137.89	137.89	137.90	137.89	137.89	137.89	137.88	137.88	137.89	1985
MOYEN	137.89	137.89	137.88	137.89	137.89	137.89	137.90	137.89	137.89	137.89	137.88	137.89	137.89	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 45 15 LONG 71 50 24 — BASSIN VERSANT 26 900 km² — REGULARISE — DONNEES FOURNIES PAR - LA COMPAGNIE ALUMINIUM DU CANADA

PERIBONCA (RIVIERE) A LA CENTRALE DE CHUTE-A-LA-SAVANE - STATION NO 02RC002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1983	...			1983
1984	...	137.92 LE 11 JAN *	137.82 LE 27 MAR	1984
1985	...	137.92 LE 11 MAI	137.38 LE 22 NOV *	1985
		137.92 LE 23 JUN	137.82 LE 15 MAR	

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PERIBONCA (RIVIERE) A LA CENTRALE DE LA CHUTE DU DIABLE - STATION NO 02RC007

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1983	172.21	172.23	172.09	168.87	169.78	172.21	172.23	172.21	172.23	172.23	172.23	172.22	171.71	1983
1984	172.23	172.22	171.72	168.06	172.05	172.23	172.23	172.23	172.23	172.23	172.22	172.23	171.83	1984
1985	172.23	172.24	172.24	168.34	168.25	172.23	172.24	172.23	172.22	172.24	172.21	172.21	171.57	1985
MOYEN	172.22	172.23	172.02	168.36	170.03	172.22	172.23	172.22	172.23	172.23	172.22	172.22	171.70	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 46 51
LONG 71 41 51

BASSIN VERSANT, 25 800 km²
REGULARISE

DONNEES FOURNIES PAR -
LA COMPAGNIE ALUMINIUM DU CANADA

PERIBONCA (RIVIERE) A LA CENTRALE DE LA CHUTE DU DIABLE - STATION NO 02RC007

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1983	...			1983
1984	...	172.28 LE 9 SEP *	168.24 LE 5 MAI	1984
1985	...	172.26 LE 4 JAN	168.86 LE 24 AVR	1985
		172.27 LE 26 JUL	168.98 LE 28 AVR *	

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PERIBONCA (RIVIERE) AU RESERVOIR DE LA PASSE DANGEREUSE - STATION NO 02RC005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1943	407.88	407.40	407.24	407.02	413.71	431.50	435.28	437.43	440.09	438.59	437.32	430.81	424.82	1943
1944	423.14	411.59	406.89	406.43	416.00	427.04	430.75	433.82	437.27	439.78	440.33	439.20	426.11	1944
1945	437.08	432.89	428.30	426.98	435.28	439.89	440.07	440.18	440.15	440.15	440.37	439.98	436.97	1945
1946	437.44	435.81	436.04	435.33	437.23	440.26	440.43	440.43	439.29	439.81	440.44	439.14	438.49	1946
1947	435.59	428.33	423.86	422.73	420.03	434.03	436.63	438.67	440.39	440.42	439.84	437.18	433.42	1947
1948	430.92	420.12	408.18	407.41	417.84	429.77	433.02	435.70	437.12	436.13	428.88	427.05	426.11	1948
1949	422.81	416.33	412.88	414.98	421.58	433.00	437.95	440.11	440.17	440.41	440.07	436.48	429.80	1949
1950	432.05	426.80	424.71	424.12	427.35	438.47	440.39	440.17	437.80	434.37	436.01	437.86	433.37	1950
1951	435.74	430.60	423.28	424.03	431.42	436.53	433.53	430.00	426.80	428.37	431.12	433.31	430.40	1951
1952	432.96	427.89	418.74	416.89	423.71	434.74	437.85	439.40	440.26	440.40	439.91	438.63	432.62	1952
1953	437.85	435.98	432.56	431.62	435.76	440.16	439.83	438.77	435.19	439.83	438.12	437.69	437.29	1953
1954	436.29	433.33	430.36	424.78	429.78	436.80	437.16	435.05	435.48	436.46	435.93	436.31	433.89	1954
1955	434.52	431.77	427.57	422.50	428.34	435.86	434.17	429.44	424.78	424.11	425.31	422.44	428.37	1955
1956	422.00	421.35	419.45	415.54	416.91	427.53	432.58	434.84	436.22	440.45	439.47	436.49	428.76	1956
1957	434.55	431.48	425.93	417.69	420.59	430.54	436.71	439.05	440.18	440.01	439.52	439.01	432.96	1957
1958	436.40	437.78	434.42	430.47	433.77	438.91	435.96	435.96	436.96	439.86	438.72	436.23	437.38	1958
1959	434.11	430.34	423.64	415.02	416.13	431.20	434.52	436.31	437.84	439.05	439.89	439.93	431.77	1959
1960	438.72	436.84	433.75	428.21	431.11	438.19	439.22	440.00	440.12	440.17	440.21	439.77	437.20	1960
1961	439.14	437.95	436.17	434.22	436.93	440.15	440.14	440.19	440.24	439.92	438.94	437.05	438.43	1961
1962	434.06	430.07	426.96	423.34	425.65	433.75	434.26	435.96	436.61	437.10	434.76	433.72	432.20	1962
1963	432.34	428.58	425.71	421.05	423.43	431.90	435.33	437.25	435.69	434.40	433.61	433.57	431.17	1963
1964	433.58	432.53	429.56	426.05	432.86	439.20	440.16	439.34	439.35	439.24	438.06	436.58	435.58	1964
1965	434.78	435.71	432.26	427.18	427.46	436.03	438.86	440.49	440.55	440.59	440.02	438.39	436.20	1965
1966	437.41	435.64	431.56	427.85	428.64	437.68	438.63	440.29	440.35	440.56	440.57	440.25	436.72	1966
1967	438.19	438.09	434.16	429.06	427.38	433.46	435.11	438.32	437.94	438.46	440.52	439.47	436.00	1967
1968	438.50	437.57	434.42	430.85	435.38	437.27	436.42	438.10	439.62	439.68	439.66	438.47	437.17	1968
1969	437.91	435.83	431.81	427.28	427.10	436.25	438.68	439.18	439.62	435.89	440.14	439.84	436.02	1969
1970	439.09	438.21	435.10	430.30	431.71	438.63	440.46	440.56	440.54	440.19	438.52	437.21	437.54	1970
1971	436.07	433.66	430.19	425.30	427.78	432.00	432.86	433.73	435.15	437.86	438.85	437.18	433.37	1971
1972	435.84	433.16	428.72	423.07	421.77	431.81	432.87	432.31	434.02	436.90	436.98	435.24	431.89	1972
1973	432.25	428.38	424.51	420.95	426.26	437.88	438.48	440.18	440.48	440.45	440.05	438.88	434.36	1973
1974	438.21	436.35	432.85	428.36	427.55	438.18	440.07	439.85	439.41	439.10	438.88	438.87	436.44	1974
1975	438.58	436.21	432.19	427.28	428.78	435.83	438.35	439.70	439.10	439.28	438.88	439.48	436.20	1975
1976	439.06	437.84	434.89	432.12	436.19	439.89	439.09	438.19	438.28	440.31	438.97	437.85	437.81	1976
1977	436.32	434.03	431.48	428.74	431.76	440.03	440.53	440.54	440.49	440.38	440.18	439.58	437.02	1977
1978	437.44	434.53	431.09	427.16	427.82	435.82	439.87	440.52	440.22	439.77	439.38	438.11	435.98	1978
1979	436.38	434.29	431.42	430.43	436.43	440.34	439.92	440.09	440.00	440.16	440.37	440.09	437.52	1979
1980	438.50	436.08	432.63	429.94	434.72	437.78	438.93	440.23	438.88	440.47	440.28	439.24	437.40	1980
1981	437.48	435.37	434.78	433.23	435.42	440.43	440.26	439.11	437.81	437.64	437.06	435.82	437.03	1981
1982	432.48	429.65	427.20	424.39	428.83	437.81	438.67	439.50	438.50	438.70	439.27	438.97	434.58	1982
1983	437.73	435.46	432.51	430.57	435.53	440.50	440.12	438.77	438.81	440.48	439.61	438.22	437.64	1983
1984	436.00	433.07	430.41	427.44	432.35	437.50	438.55	438.33	438.38	438.84	438.62	438.56	435.75	1984
1985	437.81	434.84	430.63	426.32	426.12	436.17	438.38	437.89	437.17	437.50	437.83	437.09	434.75	1985
MOYEN	434.65	431.84	427.92	424.77	428.30	436.02	437.65	438.18	438.28	438.54	438.20	437.07	434.28	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 49 54 00
LONG 71 15 15

BASSIN VERSANT, 11 000 km²
REGULARISE

DONNEES FOURNIES PAR -
LA COMPAGNIE ALUMINIUM DU CANADA

PERIBONCA (RIVIERE) AU RESERVOIR DE LA PASSE DANGEREUSE - STATION NO. 02RC005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1943	---	440.49 LE 19 SEP	406.89 LE 24 AVR	1943
1944	---	440.52 LE 8 NOV	406.36 LE 21 AVR *	1944
1945	---	440.50 LE 13 NOV	428.00 LE 16 MAR	1945
1946	---	440.54 LE 8 NOV	434.01 LE 24 AVR	1945
1947	---	440.55 LE 14 SEP	417.89 LE 6 MAI	1947
1948	---	437.49 LE 3 SEP	406.52 LE 31 MAR	1948
1949	---	440.58 LE 31 OCT	411.83 LE 2 MAR	1949
1950	---	440.51 LE 26 JUL	423.28 LE 20 AVR	1950
1951	---	437.82 LE 1 JAN	421.86 LE 27 MAR	1951
1952	---	440.48 LE 21 OCT	415.12 LE 23 MAR	1952
1953	---	440.32 LE 15 JUN	430.63 LE 4 AVR	1953
1954	---	437.62 LE 29 JUN	423.84 LE 19 AVR	1954
1955	---	438.20 LE 15 JUN	421.35 LE 15 AVR	1955
1956	---	440.58 LE 23 OCT	414.49 LE 15 AVR	1956
1957	---	440.57 LE 26 SEP	415.18 LE 20 AVR	1957
1958	---	440.21 LE 8 SEP	430.04 LE 18 AVR	1958
1959	---	440.06 LE 6 DEC	411.89 LE 26 AVR	1959
1960	---	440.30 LE 12 SEP	426.73 LE 1 MAI	1960
1961	---	440.39 LE 21 SEP	433.91 LE 27 AVR	1961
1962	---	437.83 LE 8 OCT	422.37 LE 27 AVR	1962
1963	---	437.51 LE 12 AOU	419.94 LE 26 AVR	1963
1964	---	440.50 LE 12 JUL	425.45 LE 18 AVR	1964
1965	---	440.67 LE 31 OCT *	424.59 LE 6 MAI	1965
1966	---	440.64 LE 2 OCT	427.37 LE 23 AVR	1966
1967	---	440.63 LE 2 NOV	426.28 LE 6 MAI	1967
1968	---	440.22 LE 31 OCT	430.10 LE 20 AVR	1968
1969	---	440.57 LE 24 NOV	425.31 LE 6 MAI	1969
1970	---	440.65 LE 22 SEP	428.54 LE 30 AVR	1970
1971	---	439.26 LE 2 NOV	423.74 LE 28 AVR	1971
1972	---	437.86 LE 23 OCT	419.52 LE 13 MAI	1972
1973	---	440.60 LE 17 OCT	420.08 LE 19 AVR	1973
1974	---	440.41 LE 3 JUL	426.08 LE 10 MAI	1974
1975	---	439.98 LE 10 AOU	425.23 LE 3 MAI	1975
1976	---	440.51 LE 18 OCT	431.16 LE 30 AVR	1976
1977	---	440.58 LE 6 JUL	427.62 LE 28 AVR	1977
1978	---	440.56 LE 17 AOU	424.59 LE 7 MAI	1978
1979	---	440.57 LE 28 OCT	430.06 LE 24 AVR	1979
1980	---	440.59 LE 19 OCT	429.89 LE 25 AVR	1980
1981	---	440.57 LE 10 JUN	432.79 LE 3 MAI	1981
1982	---	440.22 LE 2 AOU	423.59 LE 25 AVR	1982
1983	---	440.59 LE 18 JUN	430.09 LE 20 AVR	1983
1984	---	439.89 LE 4 AOU	426.51 LE 24 AVR	1984
1985	---	438.47 LE 1 JUL	423.30 LE 30 AVR	1985

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PERIBONCA (RIVIERE) EN AVAL DE LA CENTRALE CHUTE DU DIABLE - STATION NO. 02RC008

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	139.30	139.90	139.26	139.09	139.57	139.89	139.01	138.18	139.32	---	1977
1978	139.59	139.45	139.41	139.30	139.62	139.51	138.97	139.00	139.13	139.22	138.91	139.08	139.27	1978
1979	139.06	139.15	139.28	139.28	140.32	140.67	139.14	139.88	139.86	140.00	139.20	139.05	139.57	1979
1980	139.26	139.41	138.87	138.63	138.58	138.88	138.99	139.27	139.07	140.02	139.01	139.12	139.10	1980
1981	139.14	139.38	139.07	139.70	140.26	140.79	139.68	139.19	139.23	139.13	139.14	139.16	139.48	1981
1982	139.40	138.20	138.88	139.33	139.83	139.45	139.25	139.06	139.24	139.17	139.36	139.09	139.27	1982
1983	139.17	139.24	139.30	138.86	140.27	140.61	139.01	139.28	139.77	139.80	139.49	139.41	139.50	1983
1984	139.28	139.31	139.27	139.46	140.22	138.98	139.31	139.12	139.06	139.06	139.22	139.08	139.29	1984
1985	139.19	139.14	139.13	139.53	139.46	139.21	139.26	139.06	138.97	139.34	139.14	139.08	139.21	1985
MOYEN	139.26	139.28	139.18	139.38	139.83	139.72	139.18	139.27	139.34	139.42	139.18	139.15	139.38	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 46 51 BASSIN VERSANT, 25 800 km²
LONG 71 41 51 REGULARISE

DONNEES FOURNIES PAR -
LA COMPAGNIE ALUMINIUM DU CANADA

PERIBONCA (RIVIERE) EN AVAL DE LA CENTRALE CHUTE DU DIABLE - STATION NO. 02RC008

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1978	---	141.15 LE 15 JUN	136.52 LE 2 SEP	1978
1979	---	142.83 LE 20 JUN *	137.98 LE 25 JUL	1979
1980	---	141.05 LE 10 OCT	136.84 LE 1 AVR *	1980
1981	---	141.93 LE 17 MAI	138.81 LE 29 OCT	1981
1982	---	141.05 LE 13 MAI	138.57 LE 8 MAR	1982
1983	---	141.84 LE 12 JUN	138.14 LE 29 JUL	1983
1984	---	141.00 LE 28 MAI	137.71 LE 24 JUN	1984
1985	---	140.38 LE 3 JUN	137.12 LE 21 DEC	1985

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PERIBONCA (RIVIERE) EN AVAL DE LA CENTRALE DE CHUTE-A-LA-SAVANE - STATION NO. 02RC009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	104.15	105.45	104.22	103.87	104.45	104.82	103.88	103.70	103.77	---	1977
1978	104.03	103.78	103.93	103.87	104.91	104.74	103.90	103.90	103.95	104.25	103.58	103.62	104.04	1978
1979	103.19	103.19	103.51	103.87	105.74	105.22	103.88	104.92	104.81	105.24	104.32	104.11	104.43	1979
1980	103.89	104.04	104.05	104.45	104.71	103.88	103.54	103.98	103.46	105.02	103.29	103.27	103.98	1980
1981	103.22	103.76	103.18	104.45	105.47	105.83	104.20	103.85	103.53	103.55	103.53	103.37	103.99	1981
1982	103.61	103.38	102.78	103.76	105.08	104.19	103.60	103.48	103.79	103.48	103.84	103.56	103.74	1982
1983	103.35	103.37	103.50	104.74	105.53	105.84	103.29	103.30	104.17	104.37	103.88	103.71	104.09	1983
1984	103.67	103.53	103.47	104.09	105.33	103.35	103.80	103.43	103.25	103.29	103.52	103.49	103.68	1984
1985	103.33	103.20	103.24	103.86	104.29	103.74	103.82	103.35	103.13	103.76	103.48	103.40	103.56	1985
MOYEN	103.54	103.53	103.46	104.17	105.17	104.68	103.78	103.83	103.88	104.09	103.69	103.58	103.84	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 45 15 LONG 71 50 24

BASSIN VERSANT 26 900 km² REGULARISE

DONNEES FOURNIES PAR - LA COMPAGNIE ALUMINIUM DU CANADA

PERIBONCA (RIVIERE) EN AVAL DE LA CENTRALE DE CHUTE-A-LA-SAVANE - STATION NO 02RC009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1978	---	107.05 LE 15 JUN	102.57 LE 18 FEV	1978
1979	---	108.38 LE 2 MAI *	101.95 LE 25 JUL *	1979
1980	---	106.61 LE 11 OCT	102.80 LE 2 SEP	1980
1981	---	108.13 LE 16 MAI	102.71 LE 19 MAR	1981
1982	---	107.14 LE 13 MAI	102.38 LE 4 MAR	1982
1983	---	107.76 LE 12 JUN	102.20 LE 26 JUN	1983
1984	---	106.50 LE 28 MAI	102.62 LE 1 MAR	1984
1985	---	105.47 LE 3 JUN	102.45 LE 8 JUN	1985

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PETIT MECATINA (RIVIERE DU) EN AVAL DU LAC BRETON - STATION NO 02XA007

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	26.46	26.49	26.28	---	1982
1983	26.15	---	---	---	29.41	27.80	27.05	26.89	26.95	27.24	27.07	26.74	---	1983
1984	26.36	26.15	26.13	26.22	---	---	27.25	26.52	26.79	26.61R	26.33R	26.43R	---	1984
1985	26.21	26.09	26.02	26.00	27.38	29.03	27.49	27.44	27.02	---	---	---	---	1985
MOYEN	26.24	26.12	26.08	26.11	28.40	28.32	27.26	26.95	26.92	26.77R	26.63R	26.48R	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 251.672 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 51 49 17 LONG 60 06 36

BASSIN VERSANT 12 100 km² DEBIT NATUREL

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

PETIT MECATINA (RIVIERE DU) EN AVAL DU LAC BRETON - STATION NO 02XA007

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	30.67 LE 30 MAI *	25.85 LE 7 AVR *	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 251.672 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PILES (LAC DES) - STATION NO. 02NG017

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	---	---	---	---	---	---	185.70	---	185.81	---	1977
1978	---	---	---	185.02	185.98	185.83	185.93	185.82	185.89	---	---	185.62	---	1978
1979	---	---	---	185.02	186.03	185.95	185.88	185.79	185.92	185.92	185.93	---	---	1979
1980	---	---	---	185.95	185.99	185.91	185.79	185.82	185.73	185.79	185.87	185.91	---	1980
1981	185.87	185.97	---	---	185.92	186.00	185.92	185.90	185.83	185.78R	185.89R	185.86R	---	1981
1982	---	---	---	---	---	185.85R	185.78R	---	---	---	185.84R	---	---	1982
1983	---	---	---	---	---	---	---	---	---	---	185.61R	---	---	1983
1984	---	---	---	186.00R	185.97R	185.97R	185.97R	185.93R	185.88R	185.80R	---	---	---	1984
1985	---	---	---	---	---	185.91	186.87	185.78	185.88	---	---	---	---	1985
MOYEN	185.87	185.97	---	186.00R	185.99R	185.93R	185.88R	185.84R	185.79R	185.80R	185.77R	185.80R	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT. 46 38 30
LONG. 72 46 50 DEBIT NATUREL

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

PINS (RIVIERE AUX) AU RESERVOIR SAINT-JOSEPH - STATION NO 02PC011

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1968	47.50	47.26	47.03	47.88	47.80	47.64	47.58	47.49	47.54	46.95	47.24	47.58	47.44	1968
1969	47.40	47.21	46.96	47.34	48.08	47.73	47.70	47.70	47.63	47.64	47.58	47.53	47.54	1969
1970	47.48	47.39	47.19	47.25	47.78	47.62	47.67	47.85	47.86	47.84	47.64	47.51	47.55	1970
1971	47.50	47.46	47.18	47.04	47.76	47.63	47.88	47.67	47.62	47.13	47.11	47.53	47.44	1971
1972	47.51	47.49	47.42	47.00	47.92	47.67	47.86	47.67	47.59	47.42	47.55	47.56	47.54	1972
1973	47.53	47.54	47.43	47.49	47.75	47.64	47.67	47.61	47.33	47.07	47.33	47.58	47.50	1973
1974	47.34	47.33	47.10	47.16	48.01	47.58	47.61	47.57	47.48	47.49	47.18	47.04	47.41	1974
1975	46.75	46.64	46.77	47.10	47.86	47.63	47.51	47.47	47.52	47.44	47.48	47.35	47.28	1975
1976	47.10	47.20	46.78	47.52	47.58	47.63	47.66	47.63	47.60	47.58	47.52	47.53	47.44	1976
1977	47.50	47.45	47.00	47.08	47.50	47.61	47.63	47.61	47.40	46.90	47.29	47.48	47.37	1977
1978	47.48	47.25	46.78	46.74	47.38	47.59	47.55	47.53	47.46	46.97	47.17	47.55	47.29	1978
1979	47.52	47.45	47.28	---	47.59	47.58	47.52	47.54	47.65	47.63	47.81	47.56	---	1979
1980	47.48	47.38	46.89	47.38	47.62	47.65	47.65	47.63	47.64	47.65	47.64	47.58	47.52	1980
1981	47.41	47.45	47.06	47.51	47.67	47.67	47.63	47.64	47.56	47.12	47.49	47.46	47.47	1981
1982	47.48	47.40	47.07	47.05	47.60	47.61	47.61	47.58	47.64	47.65	47.66	47.60	47.49	1982
1983	47.49	47.41	47.07	47.10	47.67	47.58	47.60	47.56	47.50	47.61	47.63	47.55	47.48	1983
1984	47.31	47.16	46.89	47.04	47.53	47.62	47.62	47.60	47.55	47.60R	47.57R	47.49R	47.42R	1984
1985	47.37	47.20	47.01	46.89	47.58	47.62	47.62	47.52	47.44	---	---	---	---	1985
MOYEN	47.40	47.32	47.08	47.22	47.68	47.63	47.62	47.59	47.55	47.38R	47.45R	47.50R	47.45R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 111.227 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT. 46 52 04
LONG. 71 38 27

BASSIN VERSANT. 213 km²
REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

PINS (RIVIERE AUX) AU RESERVOIR SAINT-JOSEPH - STATION NO 02PC011

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1968	---			
1969	---	48.34 LE 27 AVR	46.85 LE 18 OCT	1968
		48.55 LE 10 MAI *	46.90 LE 24 MAR	1969
1970	---			
1971	---	48.37 LE 3 MAI	46.91 LE 12 AVR	1970
1972	---	48.03 LE 6 MAI	46.79 LE 15 AVR	1971
1973	---	48.23 LE 9 MAI	46.85 LE 13 AVR	1972
1974	---	48.12 LE 25 AVR	46.80 LE 3 OCT	1973
		48.54 LE 14 MAI	46.80 LE 8 DEC	1974
1975	---			
1976	---	48.02 LE 16 JUN	46.61 LE 16 FEV	1975
1977	---	48.11 LE 24 AVR	46.88 LE 21 MAR	1976
1978	---	47.78 LE 19 JUL	46.86 LE 29 MAR	1977
1979	---	47.85 LE 12 JAN	46.54 LE 10 AVR *	1978
		---	---	1979
1980	---			
1981	---	47.76 LE 12 AVR	46.78 LE 28 MAR	1980
1982	---	47.76 LE 13 MAI	46.78 LE 28 MAR	1981
1983	---	47.76 LE 6 NOV	46.82 LE 17 AVR	1982
1984	---	47.90 LE 3 MAI	46.80 LE 19 MAR	1983
		47.71R LE 14 NOV	46.80 LE 2 AVR	1984
1985	---	47.70 LE 15 JUL	46.89 LE 14 AVR	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 111.227 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

POHENEGAMOOK (LAC) A ESTCOURT - STATION NO. 01AD014

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1968	---	---	---	---	---	---	---	44.36	44.39	44.39	44.47	---	---	1968
1969	---	---	---	---	---	44.71	44.44	44.51	44.78	44.61	45.02	---	---	1969
1970	---	---	---	---	---	---	---	---	---	---	---	---	---	1970
1971	---	---	---	---	---	44.85	44.46	44.35	44.59	44.83	44.75	---	---	1971
1972	---	---	---	---	45.88	44.83	44.43	44.58	45.01	44.85	44.53	---	---	1972
1973	---	---	---	---	45.93	44.99	44.55	44.47	44.58	44.80	44.77	---	---	1973
1974	---	---	---	---	45.84	44.83	---	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	---	---	---	44.54	44.81	---	---	1975
1976	---	---	---	---	---	---	---	44.42	44.55	44.47	44.64	---	---	1976
1977	---	---	---	---	45.70	44.70	44.61	44.80	44.66	45.10	44.90	---	---	1977
1978	---	---	---	---	45.81	44.89	44.51	44.41	44.42	44.82	44.68	---	---	1978
1979	---	---	---	---	45.88	44.62	44.37	44.27	44.25	44.29	---	---	---	1979
1980	---	---	---	---	45.45	45.02	44.54	44.39	44.72	44.84	44.66	---	---	1980
1981	---	---	---	---	45.07	44.61	44.53	44.64	44.75	44.88	44.63	---	---	1981
MOYEN	---	---	44.88	45.48	45.39	44.75	44.64	45.21	44.48	44.83	44.83	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 162.388 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 47 27 36
LONG 69 13 32

BASSIN VERSANT, 389 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

POVUNGNITUK (LAC DE) - STATION NO. 03CD002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1975	---	---	---	---	---	---	---	---	---	26.88	26.77	26.82	---	1975
1976	---	26.56	---	---	---	---	---	---	---	---	---	---	---	1976
MOYEN	---	26.56	---	---	---	---	---	---	---	26.88	26.77	26.83	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 60 05 20
LONG 76 58 20

BASSIN VERSANT, 28 000 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

PRAIRIES (RIVIERE DES) A AHUNTSIC - STATION NO. 02DA005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1984	17.12	17.11	16.87	17.02	17.11	17.08	17.07	17.05	17.07	---	---	---	---	1984
MOYEN	17.12	17.11	16.87	17.02	17.11	17.08	17.07	17.05	17.07	---	---	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 33 25
LONG 73 40 34

REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

PRAIRIES (RIVIERE DES) A CARTIERVILLE - STATION NO. 020A002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NO	DEC	MOYEN	ANNEE
1916	---	---	---	2.72	3.37	2.68	1.82	0.93	0.72	0.85	1.39	1.55	---	1916
1917	1.61	1.95	1.49	2.33	2.71	2.50	2.11	1.63	1.11	1.00	1.24	1.24	1.75	1917
1918	1.61	1.95	2.02	2.51	2.37	1.81	1.71	1.08	1.11	1.83	2.08	1.84	1.82	1918
1919	1.75	1.23	1.45	2.80	3.41	2.72	1.43	0.89	0.95	1.39	1.78	1.89	1.78	1919
1920	1.68	1.82	1.85	2.23	2.26	1.56	1.32	1.00	0.78	0.81	0.87	1.00	1.39	1920
1921	1.11	0.91	1.75	2.72	2.59	1.48	0.83	0.68	0.38	0.68	0.88	1.20	1.29	1921
1922	1.36	1.31	1.25	2.85	2.87	1.80	1.27	0.86	0.77	0.67	0.88	0.89	1.36	1922
1923	1.14	1.32	1.23	1.86	3.29	2.25	1.40	0.94	1.03	0.80	0.87	1.24	1.45	1923
1924	1.267	1.321	1.153	2.284	3.171	2.405	1.502	1.103	1.011	1.243	1.054	1.473	1.563	1924
1925	1.678	1.522	1.787	2.597	2.477	2.246	1.795	1.380	0.819	0.885	1.285	1.338	1.648	1925
1926	1.287	1.207	0.936	1.542	2.871	2.457	1.836	1.238	0.893	0.898	1.730	1.745	1.555	1926
1927	1.512	1.293	1.882	1.914	2.094	2.188	1.699	1.681	1.144	1.255	1.800	1.815	1.707	1927
1928	1.338	1.338	1.272	2.948	3.782	2.789	2.113	1.665	1.868	2.348	2.499	1.872	2.143	1928
1929	1.955	1.384	1.775	2.918	3.539	2.378	1.838	1.218	0.892	0.996	1.353	1.964	1.862	1929
1930	2.524	2.584	2.182	2.188	2.335	2.336	2.206	1.508	1.382	1.332	1.285	1.442	1.834	1930
1931	1.774	1.787	1.590	1.802	1.915	1.844	1.263	1.212	1.270	1.261	1.406	1.779	1.567	1931
1932	2.008	2.324	2.037	2.640	2.213	1.770	1.650	1.614	2.017	2.189	2.584	2.897	2.145	1932
1933	2.271	2.378	2.187	3.185	2.970	1.976	1.522	1.450	1.100	1.163	1.071	1.415	1.886	1933
1934	1.880	2.143	1.880	2.886	3.123	2.153	1.635	1.287	1.265	1.384	1.353	1.928	1.907	1934
1935	2.328	2.181	2.407	2.348	1.895	1.859	1.786	1.432	1.505	1.489	1.580	1.529	1.847	1935
1936	2.010	2.331	2.583	2.505	3.383	2.482	1.536	1.308	1.337	1.518	1.848	2.067	2.072	1936
1937	2.571	2.514	2.361	2.582	2.789	1.838	1.393	1.336	1.228	1.415	1.997	2.303	2.024	1937
1938	2.581	2.502	2.794	3.182	2.851	2.005	1.470	1.383	1.419	1.504	1.385	1.447	2.041	1938
1939	2.012	2.487	2.347	2.531	3.047	2.305	1.815	1.578	1.378	1.417	1.472	1.886	2.026	1939
1940	2.582	2.315	2.054	2.444	2.408	2.528	1.807	1.304	1.311	1.287	1.456	2.010	1.953	1940
1941	2.436	2.361	2.116	2.571	2.144	1.574	1.455	1.485	1.546	1.801	2.205	2.495	2.012	1941
1942	2.763	2.753	2.557	2.581	2.442	2.098	1.649	1.596	1.568	1.519	1.576	2.315	2.122	1942
1943	1.998	2.272	2.432	2.877	3.498	2.782	2.023	1.767	1.795	1.886	1.897	1.910	2.228	1943
1944	2.748	2.380	2.192	2.078	2.233	1.736	1.605	1.495	1.518	1.583	1.558	2.057	1.931	1944
1945	2.256	2.304	2.486	2.548	2.517	2.436	1.837	1.535	1.578	1.680	1.894	2.137	2.087	1945
1946	2.552	2.653	2.769	2.224	2.012	2.058	1.500	1.449	1.455	1.481	1.537	2.853	2.051	1946
1947	3.088	2.812	2.622	3.230	3.827	3.741	2.421	1.783	1.628	1.570	1.586	1.803	2.508	1947
1948	2.488	2.385	2.524	2.483	2.258	1.800	1.589	1.555	1.526	1.800	1.526	1.561	1.939	1948
1949	2.139	2.648	2.410	2.814	2.518	1.939	1.819	1.554	1.534	1.486	1.575	1.754	2.017	1949
1950	2.382	2.607	2.692	2.618	2.322	1.987	1.775	1.594	1.663	1.645	1.884	2.148	2.120	1950
1951	2.788	2.690	3.108	3.781	2.809	1.882	1.944	1.742	1.579	2.067	2.562	2.486	2.451	1951
1952	2.671	2.808	2.477	3.299	2.913	2.650	2.018	1.940	1.748	1.770	1.712	2.164	2.345	1952
1953	2.184	2.092	2.355	3.139	2.632	2.181	1.786	1.553	1.527	1.430	1.432	1.420	1.976	1953
1954	1.653	2.035	2.076	2.808	2.366	2.217	1.875	1.584	1.800	2.333	2.589	2.287	2.149	1954
1955	2.057	2.021	2.214	3.247	2.273	1.789	1.606	1.499	1.478	1.571	2.035	1.732	1.959	1955
1956	2.503	2.574	2.580	2.760	2.582	2.284	1.946	1.676	2.053	2.105	1.847	2.137	2.267	1956
1957	2.742	2.805	2.547	2.078	2.070	1.823	2.386	1.786	1.784	1.935	2.211	2.269	2.184	1957
1958	2.080	2.528	2.620	2.587	1.982	1.862	1.841	1.686	1.803	1.980	1.923	2.352	2.098	1958
1959	2.720	2.818	2.481	2.788	2.385	1.945	1.683	1.646	1.732	1.840	2.180	2.395	2.196	1959
1960	3.250	2.830	2.788	3.386	3.423	2.212	2.378	1.990	1.788	1.740	1.877	1.846	2.422	1960
1961	2.581	2.522	2.203	2.280	2.280	1.986	1.819	1.800	1.788	1.806	1.728	1.965	2.070	1961
1962	2.746	2.696	2.414	2.703	2.488	1.811	1.561	1.584	1.608	1.625	1.675	1.741	2.041	1962
1963	2.030	2.212	2.176	2.635	2.212	1.886	1.574	1.496	1.517	1.808	1.788	1.854	1.918	1963
1964	2.185	2.056	2.152	2.234	2.108	1.917	1.732	1.504	1.448	1.438	1.604	2.029	1.867	1964
1965	2.412	2.260	2.102	2.108	2.380	1.874	1.630	1.708	1.829	2.478	2.324	1.838	2.092	1965
1966	2.200	2.625	2.445	2.477	2.350	2.114	1.889	1.791	1.691	1.778	2.014	2.567	2.187	1966
1967	1.939	2.086	2.052	2.901	2.840	2.583	2.160	1.875	1.866	2.188	2.650	2.289	2.286	1967
1968	3.005	3.121	3.067	2.772	2.020	1.860	1.892	1.739	1.679	1.702	1.600	1.806	2.188	1968
1969	2.787	2.282	2.228	2.801	2.800	2.275	2.007	1.783	1.876	1.782	2.182	2.146	2.210	1969
1970	2.147	2.377	2.228	2.548	2.703	2.557	2.070	1.828	1.753	1.896	1.874	1.888	2.177	1970
1971	2.588	2.884	2.711	3.886	2.783	1.882	1.868	1.845	1.631	1.667	1.605	1.563	2.126	1971
1972	2.188	2.131	2.199	2.772	3.234	2.386	2.388	2.168	2.120	2.024	2.373	2.123	2.343	1972
1973	2.572	2.942	3.045	2.910	2.880	2.543	2.256	2.008	1.850	2.005	1.849	1.941	2.397	1973
1974	2.214	2.598	2.843	3.011	3.724	3.104	2.393	1.989	1.829	1.884	2.006	2.031	2.451	1974
1975	1.820	1.745	2.105	2.698	2.859	2.269	1.788	1.687	1.844	1.730	1.785	1.840	1.972	1975
1976	2.436	2.453	2.552	3.430	2.870	2.309	2.182	1.999	1.888	1.915	1.869	2.185	2.337	1976
1977	---	---	---	2.972	2.344	1.789	1.773	1.681	1.734	2.010	2.056	2.053	---	1977
1978	3.294	3.635	2.905	2.941	2.713	2.075	1.823	1.733	1.668	1.837	1.788	1.851	2.348	1978
1979	2.414	2.598	2.889	3.080	3.338	2.337	2.008	1.820	1.932	2.182	2.381	2.534	2.443	1979
1980	2.376	2.325	2.376	2.860	2.579	2.005	1.935	1.848	1.895	2.303	2.327	2.208	2.261	1980
1981	2.613	2.871	2.666	3.141	2.806	2.500	1.991	1.828	2.099	2.137	2.245	2.014	2.378	1981
1982	2.284	2.493	2.290	2.730	2.378	1.971	1.772	1.661	1.661	1.764	2.028	2.286	2.105	1982
1983	2.185	2.212	2.666	3.192	3.328	2.658	1.851	1.654	1.610	1.888	1.723	2.189	2.241	1983
1984	2.821	2.421	2.195	3.022	2.808	2.382	---	---	---	---	---	---	---	1984
MOYEN	2.221	2.280	2.241	2.888	2.884	2.180	1.795	1.558	1.501	1.807	1.782	1.822	2.034	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 15.882 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 32 02
LONG 73 43 48 REGULARISE

PRAIRIES (RIVIERE DES) A CARTIERVILLE - STATION NO 020A002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1916	---	3.84 LE 20 MAI	0.59 LE 12 OCT	1916
1917	---	2.88 LE 7 MAI	0.78 LE 27 NOV	1917
1918	---	3.10 LE 6 AVR	0.81 LE 30 AOU	1918
1919	---	3.74 LE 28 MAI	0.72 LE 8 SEP	1919
1920	---	2.52 LE 1 MAI	0.47 LE 20 OCT	1920
1921	---	3.10 LE 7 MAI	0.23 LE 21 SEP *	1921
1922	---	3.92 LE 21 AVR	0.35 LE 8 DEC	1922
1923	---	3.82 LE 10 MAI	0.57 LE 23 OCT	1923
1924	---	3.456 LE 11 MAI	0.774 LE 8 SEP	1924
1925	---	2.786 LE 31 MAR	0.713 LE 10 SEP	1925
1926	---	3.036 LE 20 MAI	0.713 LE 18 OCT	1926
1927	---	2.803 LE 23 NOV	1.012 LE 26 SEP	1927
1928	---	4.066 LE 14 MAI	0.926 LE 21 JAN	1928
1929	---	3.819 LE 10 MAI	0.885 LE 21 OCT	1929
1930	---	2.847 LE 5 FEV	1.198 LE 27 OCT	1930
1931	---	2.234 LE 29 AVR	0.884 LE 28 JUL	1931
1932	---	3.285 LE 16 DEC	1.477 LE 5 JUL	1932
1933	---	3.539 LE 23 AVR	0.710 LE 19 SEP	1933
1934	---	3.587 LE 14 AVR	1.149 LE 3 SEP	1934
1935	---	3.316 LE 17 AVR	1.207 LE 17 DEC	1935
1936	---	3.920 LE 20 MAI	1.216 LE 2 SEP	1936
1937	---	3.188 LE 9 MAI	1.118 LE 8 SEP	1937
1938	---	3.953 LE 25 MAR	1.084 LE 28 DEC	1938
1939	---	3.350 LE 13 MAI	1.292 LE 3 OCT	1939
1940	---	2.978 LE 5 JUN	1.149 LE 25 OCT	1940
1941	---	3.343 LE 26 AVR	1.152 LE 12 AOU	1941
1942	---	3.036 LE 28 AVR	1.374 LE 21 OCT	1942
1943	---	4.154 LE 14 MAI	1.402 LE 1 DEC	1943
1944	---	3.261 LE 17 JAN	1.371 LE 8 SEP	1944
1945	---	3.273 LE 3 AVR	1.326 LE 29 NOV	1945
1946	---	4.843 LE 24 DEC *	1.231 LE 3 SEP	1946
1947	---	4.093 LE 28 MAI	1.210 LE 5 DEC	1947
1948	---	3.407 LE 22 MAR	1.207 LE 18 DEC	1948
1949	---	3.234 LE 2 AVR	1.420 LE 22 OCT	1949
1950	---	3.589 LE 6 AVR	1.527 LE 7 AOU	1950
1951	---	4.282 LE 18 AVR	1.545 LE 15 SEP	1951
1952	---	3.679 LE 8 AVR	1.630 LE 18 NOV	1952
1953	---	3.584 LE 31 MAR	1.387 LE 28 DEC	1953
1954	---	3.343 LE 19 AVR	1.402 LE 1 JAN	1954
1955	---	3.663 LE 21 AVR	1.347 LE 14 DEC	1955
1956	---	3.503 LE 3 AVR	1.463 LE 4 NOV	1956
1957	---	2.886 LE 5 JAN	1.585 LE 3 SEP	1957
1958	---	2.831 LE 28 FEV	1.594 LE 20 JAN	1958
1959	---	4.396 LE 31 DEC	1.815 LE 2 AOU	1959
1960	---	4.081 LE 1 JAN	1.187 LE 12 DEC	1960
1961	---	2.740 LE 1 FEV	1.852 LE 23 OCT	1961
1962	---	2.980 LE 15 AVR	1.385 LE 27 SEP	1962
1963	---	3.313 LE 5 AVR	1.374 LE 28 JUL	1963
1964	---	2.722 LE 12 MAR	1.179 LE 2 DEC	1964
1965	---	2.655 LE 25 OCT	1.475 LE 12 DEC	1965
1966	---	3.011 LE 18 DEC	1.472 LE 12 JAN	1966
1967	---	3.258 LE 26 AVR	1.755 LE 12 SEP	1967
1968	---	3.859 LE 24 MAR	1.420 LE 26 NOV	1968
1969	---	3.087 LE 20 AVR	1.846 LE 9 SEP	1969
1970	---	3.039 LE 24 AVR	1.873 LE 10 DEC	1970
1971	---	3.587 LE 21 AVR	1.213 LE 8 DEC	1971
1972	---	3.709 LE 7 MAI	1.847 LE 5 DEC	1972
1973	---	3.848A LE 19 MAR	1.350 LE 21 NOV	1973
1974	4.124 LE 22 MAI A 0202 HNE *	4.118 LE 22 MAI	1.512 LE 9 JAN	1974
1975	3.539 LE 21 AVR A 2011 HNE	3.486 LE 21 AVR	1.390A LE 13 DEC	1975
1976	---	4.078 LE 8 AVR	1.362 LE 28 NOV	1976
1977	---	---	1.225 LE 11 DEC	1977
1978	---	3.955 LE 31 JAN	1.536 LE 2 DEC	1978
1979	---	3.810 LE 5 MAI	1.288 LE 13 AOU	1979
1980	---	3.284 LE 12 AVR	1.771 LE 25 AOU	1980
1981	---	3.798 LE 26 FEV	1.858 LE 28 AOU	1981
1982	---	3.186 LE 22 AVR	1.947 LE 27 JUL	1982
1983	---	3.777 LE 14 MAI	0.707 LE 4 NOV	1983
1984	---	3.398 LE 8 AVR	2.022 LE 20 MAR	1984

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 15.882 m POUR OBTENIR LES COTES GEODESIQUES

A - JAUGE MANUELLE
(VOIR INDEX DE REFRENCE)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PRAIRIES (RIVIERE DES) A DUVERNAY EST - STATION NO. 020A020

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1966	1.100	1.115	0.920	0.930	0.810	0.303	0.143	0.269	0.473	0.994	0.814	0.728	---	1966
1967	0.835	1.847	0.963	1.333	1.186	0.954	0.298	0.397	0.255	0.322	0.565	1.176	0.711	1967
1968	1.239	1.081	0.838	1.148	0.509	0.413	0.528	0.339	0.303	0.266	0.286	1.087	0.688	1968
1969	1.031	0.853	0.958	1.142	1.189	0.788	0.518	0.479	0.248	0.287	0.894	0.652	0.709	1969
1970	1.268	0.987	0.731	0.940	1.134	0.823	0.780	0.582	0.323	0.410	0.534	0.684	0.783	1970
1971	1.215	1.257	1.029	1.247	1.190	0.504	0.195	0.151	0.180	0.113	0.116	0.448	0.632	1971
1972	0.504	0.537	0.543	1.076	1.552	0.854	0.878	0.741	0.646	0.859	0.917	0.786	0.809	1972
1973	0.792	0.922	1.295	1.407	1.286	0.980	0.809	0.586	0.445	0.544	0.542	0.653	0.855	1973
1974	0.719	0.676	0.854	1.361	1.958	1.394	0.822	0.506	0.345	0.379	0.674	0.737	0.870	1974
1975	0.673	1.007	0.885	0.988	1.003	0.704	0.255	0.082	0.087	0.191	0.308	0.549	0.539	1975
1976	0.882	0.885	1.085	1.849	1.331	0.732	0.841	0.481	0.345	0.388	0.342	0.628	0.814	1976
1977	0.815	0.780	0.911	1.241	0.741	0.222	0.248	0.121	0.178	0.482	0.520	0.700	0.577	1977
1978	1.034	1.256	0.794	1.148	1.034	0.470	0.236	0.156	0.044	0.282	0.261	0.278	0.578	1978
1979	0.498	0.448	0.738	1.304	1.525	0.743	0.430	0.366	0.417	0.884	0.662	0.977	0.749	1979
1980	0.883	0.529	0.880	1.131	0.918	0.387	0.432	0.454	0.396	0.728	0.755	0.676	0.864	1980
1981	0.874	1.070	1.040	1.363	0.959	0.875	0.448	0.309	0.566	0.584	0.705	0.438	0.766	1981
1982	0.500	0.522	0.415	1.041	0.720	0.371	0.249	0.054	0.034	0.148	0.469	0.804	0.443	1982
1983	0.795	0.756	0.810	0.878	1.524	0.881	0.298	0.172	0.045	0.165	0.453	0.583	0.628	1983
1984	0.858	0.881	0.844	1.384	0.835	0.819	0.847	0.451	0.354	0.256	0.580	0.889	0.668	1984
1985	0.882	0.768	0.888	1.117	1.182	0.411	0.347	0.451	0.203	0.220	0.316	0.558	0.608	1985
MOYEN	0.884	0.901	0.928	1.208	1.132	0.886	0.487	0.355	0.295	0.416	0.585	0.696	0.688	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 8.070 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 39 06
LONG 73 36 03 REGULARISE

PRAIRIES (RIVIERE DES) A DUVERNAY EST - STATION NO. 020A020

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	---		1965
1966	---	1.729E LE 16 JAN	0.032 LE 26 JUL	1966
1967	---	3.859 LE 2 FEV *	0.013 LE 26 SEP	1967
1968	---	2.049E LE 20 DEC	0.205 LE 4 SEP	1968
1969	---	1.473 LE 21 MAI	0.105 LE 8 OCT	1969
1970	---	1.580 LE 21 JAN	0.123 LE 8 SEP	1970
1971	---	1.838E LE 23 AVR	0.184 LE 9 SEP	1971
1972	---	1.949 LE 7 MAI	0.029 LE 7 SEP	1972
1973	---	1.946 LE 20 MAR	0.269 LE 29 JAN	1973
1974	---	2.247 LE 24 MAI	0.339 LE 14 NOV	1974
1975	1.708 LE 21 AVR A 2118 HNE	1.684 LE 26 AVR	0.214 LE 1 OCT	1975
1976	2.680 LE 3 AVR A 0841 HNE *	2.610 LE 3 AVR	-0.011E LE 17 AOU	1976
1977	1.778 LE 19 MAR A 1115 HNE	1.574 LE 18 MAR	0.172 LE 8 OCT	1977
1978	---	1.582A LE 8 FEV	0.004 LE 18 SEP	1978
1979	1.943 LE 7 MAI A 0127 HNE	1.909 LE 4 MAI	-0.048 LE 11 SEP	1979
1980	1.587 LE 17 AVR A 1300 HNE	1.582A LE 16 AVR	0.202 LE 31 JUL	1980
1981	---	2.228 LE 27 FEV	0.152 LE 13 SEP	1981
1982	1.425 LE 22 AVR A 2325 HNE	1.401 LE 23 AVR	0.136 LE 29 AOU	1982
1983	1.881 LE 12 MAI A 1820 HNE	1.867 LE 13 MAI	-0.078E LE 12 SEP *	1983
1984	1.682 LE 19 AVR A 1331 HNE	1.680 LE 19 AVR	-0.052 LE 16 SEP	1984
1985	1.740 LE 1 MAI A 1125 HNE	1.658 LE 1 MAI	0.176 LE 1 OCT	1985
			0.100 LE 23 SEP	

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 8.070 m POUR OBTENIR LES COTES GEODESIQUES

A - JAUGE MANUELLE (VOIR INDEX DE REFRENCE)
E - ESTIMATIVE
* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PRAIRIES (RIVIERE DES) A L'ILE MANEU - STATION NO. 020A076

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1967	---	---	---	---	---	6.50	6.17	5.73	5.86	6.22	7.02	6.67	---	1967
1968	7.81	---	7.53	7.39	6.21	5.80	6.07	5.86	5.75	5.86	6.42	---	---	1968
1969	---	6.86	6.64	---	---	6.67	6.35	6.26	5.95	5.75	---	6.47	---	1969
1970	7.38	7.14	6.88	7.31	7.18	6.81	6.36	6.22	---	---	---	6.86	---	1970
1971	---	7.58	7.42	---	---	---	---	5.81	5.78	5.67	5.54	---	---	1971
1972	---	---	---	---	---	7.93	6.88	---	6.68	---	---	6.78	6.77	1972
1973	7.63	---	---	---	7.42	---	---	6.80	6.41	6.23	6.31	6.17	6.41	1973
1974	---	---	7.34	---	---	7.87	6.80	6.80	6.32	6.04	---	6.28	6.45	1974
1975	6.32	6.98	6.78	7.18	7.11	6.83	6.88	5.84	5.84	---	---	---	---	1975
MOYEN	7.23	7.14	7.12	7.26	7.17	6.86	6.34	6.11	5.88	5.94	6.28	6.55	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 40 51
LONG 73 33 53 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

PRAIRIES (RIVIERE DES) A PONT VIAU - STATION NO. 020A038

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	---	---	---	---	---	---	---	---	---	---	52.56	---	---	1964
1965	48.17	48.19	48.28	48.35	48.51	---	---	---	---	---	---	---	---	1965
1966	---	48.58	48.38	48.46	48.48	48.51	48.34	48.44	48.43	48.48	48.53	48.31	---	1966
1967	47.18	47.58	---	---	---	---	---	---	---	---	48.24	---	---	1967
1968	---	---	---	---	---	---	---	48.55	48.57	48.60	48.41	47.83	---	1968
1969	---	---	---	---	48.60	48.55	48.52	48.52	48.56	48.58	48.59	48.16	---	1969
1970	48.13	48.57	48.55	48.54	48.60	48.64	48.64	48.58	48.60	48.65	48.61	48.12	48.52	1970
1971	48.64	48.72	48.63	---	48.64	48.57	---	---	48.56	48.56	48.40	47.98	---	1971
1972	48.42	48.61	48.52	48.52	48.62	48.60	48.61	48.53	48.58	48.60	48.61	---	---	1972
1973	48.80	48.98	48.77	48.67	48.64	48.67	48.61	48.62	48.54	48.58	48.00	---	---	1973
1974	---	48.62	48.62	48.59	48.53	---	---	---	---	48.56	47.92	48.05	---	1974
1975	47.80	47.83	48.34	48.49	48.02	48.60	48.57	48.55	48.56	48.58	---	48.14	---	1975
1976	---	48.66	---	---	---	---	---	---	---	48.64	---	---	---	1976
1977	---	---	---	48.64	---	---	---	---	48.56	---	---	48.23	---	1977
1978	48.83	48.84	48.82	48.72	48.61	48.56	48.55	48.57	---	---	---	48.60	---	1978
1979	48.53	48.66	48.65	48.64	48.60	---	---	---	---	---	---	---	---	1979
1980	---	---	---	---	---	---	---	---	---	---	48.62	---	---	1980
1981	---	---	---	48.67	---	48.58	---	---	---	---	---	48.64	---	1981
1982	48.60	48.75	---	---	---	---	---	---	---	---	---	---	---	1982
MOYEN	48.31	48.61	48.56	48.57	48.59	48.60	48.55	48.55	48.55	48.58	48.85	48.20	48.52	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER -31.550 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 33 31 BASSIN VERSANT, 146 000 km²
LONG 73 40 36 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

PRAIRIES (RIVIERE DES) A PONT VIAU - STATION NO. 020A038

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	45.71 LE 6 OCT *	47.86 LE 11 JAN *	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER -31.550 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PRAIRIES (RIVIERE DES) A ROXBORO - STATION NO. 020A019

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	---	---	---	1.178	1.584	0.758	0.133	0.526	0.849	---	---	---	---	1965
1966	---	---	1.803	1.729	1.474	1.227	0.582	0.697	0.584	---	---	---	---	1966
1967	1.225	1.707	---	---	---	---	1.191	0.648	0.590	1.010	1.925	1.381	---	1967
1968	2.667	2.813	2.546	2.118	1.018	0.848	0.821	0.638	0.563	0.555	0.549	0.873	1.338	1968
1969	2.303	1.844	1.614	2.026	2.134	1.392	0.924	0.781	0.531	0.515	1.251	0.992	1.364	1969
1970	1.703	2.331	2.031	1.880	2.026	1.477	1.343	1.033	0.928	0.841	1.028	1.218	1.488	1970
1971	2.485	2.685	2.482	2.555	2.090	1.004	0.517	0.411	0.426	0.439	0.483	0.825	1.360	1971
1972	2.047	1.703	1.824	2.239	2.641	1.589	1.545	1.302	1.155	1.209	1.585	1.706	1.713	1972
1973	2.449	2.554	2.728	2.417	2.235	1.795	1.408	1.020	0.834	1.023	0.982	1.154	1.710	1973
1974	1.895	2.326	1.885	2.364	3.263	2.418	1.434	0.884	0.705	0.747	1.088	1.157	1.681	1974
1975	0.952	0.858	1.159	1.766	1.784	1.292	0.556	0.332	0.381	0.562	0.718	1.238	0.974	1975
1976	2.329	2.440	2.854	3.152	2.412	1.406	1.120	0.837	0.694	0.772	0.698	1.621	1.676	1976
1977	2.147	2.068	2.622	2.265	1.486	0.574	0.845	0.373	0.452	0.922	0.984	1.388	1.314	1977
1978	2.871	3.041	2.179	2.239	1.804	0.985	0.570	0.434	0.322	0.859	1.313	1.734	1.510	1978
1979	2.348	2.438	2.841	2.405	2.730	1.434	0.884	0.584	0.775	1.187	1.532	1.767	1.720	1979
1980	1.848	2.089	2.088	2.152	1.724	0.854	0.780	0.734	0.745	1.305	1.375	1.673	1.446	1980
1981	2.741	2.794	2.136	2.498	1.792	1.520	0.911	0.632	1.035	1.095	1.298	1.188	1.634	1981
1982	2.059	2.311	2.083	2.172	1.445	0.807	0.589	0.350	0.340	0.482	0.939	1.374	1.237	1982
1983	1.347	1.570	1.600	1.800	2.851	1.784	0.806	0.410	0.300	0.458	0.771	1.413	1.225	1983
1984	2.878	2.310	1.934	2.489	1.589	1.500	1.155	0.777	0.655	0.521	1.098	1.284	1.484	1984
1985	2.533	2.630	2.527	2.128	2.147	0.885	0.738	0.885	0.584	0.617	0.773	0.855	1.450	1985
MOYEN	2.133	2.254	2.131	2.177	2.011	1.282	0.878	0.883	0.639	0.795	1.072	1.305	1.483	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 17.628 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1970)

LOCATION - LAT 45 30 56
LONG 73 48 49 REGULARISE

PRAIRIES (RIVIERE DES) A ROXBORO - STATION NO 020A019

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	2 515 LE 27 AVR	0 034E LE 19 JUL *	1967
1968	---	---	0 177 LE 27 JUL	1968
1969	---	2 128E LE 18 JAN	0 415 LE 28 AOU	1969
		2 579E LE 5 JAN	0 354E LE 9 SEP	
1970	---		0 424E LE 15 SEP	1970
1971	---	2 607E LE 18 AVR		1971
1972	---	3 222E LE 22 AVR	0 665 LE 7 SEP	1972
1973	---	3 271 LE 8 MAI	0 354E LE 7 AOU	1973
1974	---	3 581 LE 19 MAR	0 903 LE 28 SEP	1974
		3 798 LE 21 MAI	0 619 LE 22 NOV	
1975	---		0 543 LE 22 AOU	1975
1976	---	3 003 LE 21 AVR		1976
1977	---	4 204 LE 2 AVR	0 171E LE 16 AOU	1977
1978	---	3 920E LE 17 MAR	0 549 LE 16 NOV	1978
1979	---	3 469 LE 31 JAN	0 257 LE 18 SEP	1979
		3 350 LE 4 MAI	0 211 LE 11 SEP	
1980	---		0 385 LE 13 AOU	1980
1981	---	2 900E LE 17 AVR		1981
1982	---	4 250E LE 22 FEV *	0 400E LE 25 AOU	1982
1983	---	2 787 LE 19 JAN	0 490E LE 6 AOU	1983
1984	---	3 378E LE 13 MAI	0 272 LE 21 AOU	1984
		2 939 LE 19 AVR	0 195 LE 11 DEC	
1985	---		0 440E LE 1 OCT	1985
		3 211 LE 8 FEV	0 418 LE 23 DEC	

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 17.629 M POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST LOCAL 1970)

E - ESTIMATIVE * - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PRAIRIES (RIVIERE DES) A SAINT-VINCENT DE PAUL - STATION NO 020A075

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1964	---	48.07	---	48.14	48.01	47.83	47.63	47.42	47.33	47.42	47.44	47.76	---	1964
1965	47.89	47.97	47.78	47.98	48.24	47.72	47.52	47.68	47.89	48.38	48.18	48.10	47.94	1965
1966	48.49	48.51	48.34	48.34	48.18	---	47.66	47.73	47.59	47.66	47.90	48.52	---	1966
1967	48.16	48.37	48.53	48.72	48.54	48.27	48.00	47.68	47.67	48.04	48.53	48.20	48.30	1967
1968	48.56	48.43	48.32	48.53	47.83	47.75	47.87	47.66	47.60	47.55	47.59	48.35	48.00	1968
1969	48.26	48.14	48.01	---	48.56	48.05	47.87	47.82	47.57	47.60	48.03	48.07	---	1969
1970	49.39	48.67	48.31	48.43	48.51	48.12	47.94	---	---	47.74	47.87	---	---	1970
1971	48.50	48.49	48.31	48.54	48.52	47.82	47.52	47.67	47.45	47.42	47.42	47.71	47.93	1971
1972	47.96	47.87	47.96	48.42	48.90	48.19	48.22	48.16	47.99	48.01	48.25	47.97	48.16	1972
1973	47.89	48.09	---	48.75	48.65	---	48.31	48.05	47.85	47.91	48.05	48.05	---	1973
1974	48.21	48.12	---	48.61	49.31	48.76	48.20	47.88	47.68	47.67	47.94	48.01	---	1974
1975	47.93	48.38	48.07	---	---	---	---	---	47.35	47.57	---	47.81	---	1975
1976	---	48.23	---	49.19	48.68	---	---	47.78	---	47.66	47.62	47.89	---	1976
1977	47.98	47.87	48.29	48.56	48.08	47.55	47.60	47.44	---	---	---	---	---	1977
1978	---	---	48.20	48.44	---	47.79	47.58	47.48	47.36	47.60	---	---	---	1978
1979	---	---	---	---	---	48.10	47.79	47.71	47.78	47.97	48.17	---	---	1979
1980	---	---	---	48.55	48.28	47.73	47.75	47.80	47.65	---	---	---	---	1980
1981	---	48.42	48.44	48.73	---	---	---	---	---	---	48.00	47.71	---	1981
MOYEN	48.27	48.32	48.21	48.53	48.48	47.98	47.84	47.73	47.62	47.75	47.92	48.01	48.07	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER -39.039 M POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 38 43 BASSIN VERSANT, 186 000 km²
LONG 73 38 30 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

PRAIRIES (RIVIERE DES) A SAINT-VINCENT DE PAUL - STATION NO 020A075

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	48 51 LE 25 OCT	47 25 LE 3 AOU	1966
1967	---	---	---	1967
1968	---	49 99 LE 2 FEV *	47 52 LE 18 SEP	1968
1969	---	49 46 LE 20 DEC	47 40 LE 15 OCT	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	49 26 LE 22 AVR	47 16 LE 8 SEP *	1973
1974	---	49 31 LE 9 MAI	47 75 LE 20 MAR	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER -39.039 M POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PRAIRIES (RIVIERE DES) A SAINTE-GENEVIEVE-DE-PIERREFONDS - STATION NO 020A069

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1967	---	---	---	---	1.78	1.46	1.12	0.79	0.75	1.09	1.65	1.23	---	1967
1968	1.31	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	1.24	0.82	0.83	0.73	0.70	1.12	1.09	---	1969
1970	1.05	0.87	0.95	1.48	1.73	1.31	---	---	---	---	---	---	---	1970
1971	1.04	1.11	1.16	1.85	1.79	0.95	0.66	0.67	0.62	0.55	0.53	0.73	0.97	1971
1972	0.84	0.80	0.93	1.67	2.24	1.39	1.41	1.26	1.12	1.13	1.40	1.25	1.29	1972
1973	1.30	1.37	1.94	2.03	1.81	1.54	1.30	1.04	0.82	1.01	0.98	1.10	1.37	1973
1974	1.16	1.12	1.39	2.01	2.75	2.06	1.31	0.95	0.77	0.78	1.08	1.18	1.38	1974
1975	1.12	1.08	1.17	1.61	1.85	1.19	0.73	0.59	0.55	0.62	0.72	0.97	0.99	1975
1976	1.07	1.11	1.45	2.56	1.95	1.22	1.10	0.90	0.78	0.78	0.71	0.81	1.21	1976
1977	1.10	0.95	1.53	1.87	1.25	0.65	0.59	0.61	0.65	0.90	0.95	1.01	1.01	1977
1978	1.36	1.39	1.11	1.80	1.62	0.94	0.65	0.64	0.55	0.72	0.70	0.83	1.03	1978
1979	1.04	1.05	1.48	2.01	2.30	1.26	0.91	0.83	0.88	1.12	1.35	1.46	1.31	1979
MOYEN	1.13	1.11	1.31	1.89	1.90	1.27	0.99	0.84	0.76	0.85	1.02	1.07	1.17	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 28 47
LONG 73 52 28 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

PRAIRIES (RIVIERE DES) A SAINTE-GENEVIEVE-DE-PIERREFONDS - STATION NO 020A069

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1967	---	---	---	1967
1968	---	1.50 LE 18 JAN	1.08 LE 3 JAN	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	2.69 LE 22 AVR	0.45 LE 7 SEP	1971
1972	---	2.76 LE 6 MAI	0.73 LE 2 JAN	1972
1973	---	2.77 LE 15 MAR	0.85 LE 9 SEP	1973
1974	---	3.24 LE 22 MAI	0.66 LE 25 SEP	1974
1975	---	2.53 LE 21 AVR	0.38 LE 9 SEP *	1975
1976	---	3.36 LE 4 AVR *	0.55 LE 25 NOV	1976
1977	---	2.60 LE 17 MAR	0.61 LE 17 SEP	1977
1978	---	2.26 LE 16 AVR	0.45 LE 10 SEP	1978
1979	---	2.84 LE 6 MAI	0.68 LE 30 JUL	1979

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PRAIRIES (RIVIERE DES) AU RAPIDE DU CHEVAL BLANC - STATION NO 020A004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	47.02	47.38	---	---	1982
1983	---	47.72	47.84	48.03	48.76	48.07	47.18	46.95	46.80	47.05	---	47.68	---	1983
1984	48.20	47.86	47.82	48.58	47.95	47.84	---	---	47.24	47.17R	47.57R	47.70R	---	1984
1985	48.26	48.27	48.22	48.25	48.33	47.36	47.27	47.37	47.11	---	---	---	---	1985
MOYEN	48.23	47.99	47.96	48.29	48.36	47.76	47.23	47.18	47.08	47.08R	47.48R	47.69R	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER -27.622 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 31 08 BASSIN VERSANT 148 000 km²
LONG 73 50 33 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

PRAIRIES (RIVIERE DES) AU RAPIDE DU CHEVAL BLANC - STATION NO 020A004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	49.12 LE 1 MAI *	46.97 LE 23 SEP *	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER -27.622 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

PRAIRIES (RIVIERE DES) AUX RAPIDES DU CHEVAL BLANC - STATION NO 020A018

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	---	---	---	1 307	1 611	1 034	0 789	0 883	1 107	1 715	1 502	1 360	---	1965
1966	1 662	1 880	1 712	1 743	1 527	1 330	0 931	0 878	0 892	0 984	1 204	1 863	1 389	1966
1967	1 410	1 587	1 421	2 252	2 041	1 682	1 325	0 960	0 925	1 302	1 902	1 469	1 528	1967
1968	2 445	2 519	2 259	2 041	1 180	1 060	1 112	0 924	0 895	0 890	0 918	1 131	1 444	1968
1969	2 435	1 872	1 611	1 984	2 082	1 450	1 130	1 058	0 858	0 909	1 314	1 288	1 508	1969
1970	1 916	2 092	1 728	1 784	2 003	1 553	1 404	1 175	0 945	1 029	1 154	1 448	1 516	1970
1971	2 214	2 734	2 447	2 371	2 084	1 111	0 863	0 509	0 512	0 544	0 750	1 145	1 419	1971
1972	2 184	2 084	2 011	2 131	2 529	1 588	1 508	1 353	1 280	1 332	1 605	1 686	1 774	1972
1973	2 172	2 245	2 484	2 309	2 167	1 764	1 478	1 188	1 075	1 220	1 205	1 333	1 716	1973
1974	1 856	2 059	1 852	2 256	3 094	2 332	1 454	1 105	0 958	1 018	1 328	1 344	1 722	1974
1975	1 312	1 316	1 335	1 848	1 792	1 373	0 875	0 677	0 721	0 855	0 958	1 448	1 209	1975
1976	2 569	2 646	2 641	2 987	2 270	1 439	1 323	[illegible]	1 004	1 040	1 005	2 050	1 840	1976
1977	2 858	2 852	2 679	2 155	1 474	0 897	0 915	0 [illegible]35	0 840	1 135	1 198	1 574	1 594	1977
1978	2 573	2 690	1 880	2 104	1 862	1 169	0 927	0 724	0 728	0 961	0 951	1 274	1 487	1978
1979	2 088	2 484	2 376	2 282	2 592	1 457	1 097	0 812	1 044	1 325	1 585	1 785	1 748	1979
1980	1 725	1 814	1 813	2 072	1 691	1 085	1 084	1 092	[illegible]05	1 425	1 474	1 715	1 503	1980
1981	2 638	2 774	1 951	2 361	1 747	1 507	1 123	0 945	1 222	1 257	1 387	1 239	1 679	1981
1982	2 033	2 591	2 124	2 023	1 468	1 063	0 923	0 743	0 737	0 854	1 161	1 472	1 425	1982
1983	1 488	1 536	1 579	1 745	2 522	1 770	0 919	0 806	0 734	0 870	1 126	1 498	1 382	1983
1984	2 254	1 981	1 703	2 378	1 694	1 536	1 308	1 067	1 001	0 919	1 268	1 389	1 535	1984
1985	2 216	2 442	2 159	2 017	2 037	1 114	1 083	1 147	0 909	0 952	1 056	1 364	1 535	1985
MOYEN	2 102	2 210	1 986	2 102	1 975	1 401	1 114	0 985	0 926	1 073	1 243	1 471	1 548	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 18 000 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 31 11
LONG 73 50 05 REGULARISE

PRAIRIES (RIVIERE DES) AUX RAPIDES DU CHEVAL BLANC - STATION NO 020A018

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	---	0 620 LE 2 AOU	1965
1966	---	---	0 754 LE 2 AOU	1966
1967	---	2 547 LE 28 AVR	0 815 LE 4 SEP	1967
1968	---	2 589 LE 11 MAI	0 770E LE 2 SEP	1968
1969	2 772 LE 18 JAN A 1430 HNE	2 851A LE 24 MAR	0 776A LE 1 SEP	1969
1970	2 629 LE 15 AVR A 0230 HNE	2 748 LE 18 JAN	0 834 LE 8 SEP	1970
1971	3 132 LE 22 AVR A 1430 HNE	2 501 LE 18 AVR	0 382E LE 27 AOU *	1971
1972	3 181 LE 9 MAI A 1250 HNE	3 126 LE 21 AVR	1 084 LE 28 SEP	1972
1973	3 318 LE 19 MAR A 1710 HNE	3 089 LE 9 MAI	0 980 LE 9 SEP	1973
1974	---	3 257 LE 20 MAR	0 846 LE 25 SEP	1974
1975	2 894 LE 21 AVR A 2058 HNE	3 585A LE 22 MAI	0 532 LE 27 AOU	1975
1976	3 957 LE 4 AVR A 0740 HNE	2 848 LE 21 AVR	0 831 LE 15 NOV	1976
1977	4 077 LE 16 MAR A 2350 HNE *	3 949 LE 4 AVR	0 763A LE 11 AOU	1977
1978	3 543 LE 3 FEV A 0748 HNE	4 037 LE 17 MAR	0 480 LE 23 SEP	1978
1979	3 196 LE 4 MAI A 1451 HNE	3 129 LE 3 FEV	0 797A LE 1 AOU	1979
1980	2 772 LE 17 AVR A 1220 HNE	3 185 LE 4 MAI	0 825 LE 13 SEP	1980
1981	---	2 745 LE 17 AVR	0 826 LE 25 AOU	1981
1982	3 028 LE 2 FEV A 2230 HNE	4 418A LE 22 FEV *	0 637 LE 12 SEP	1982
1983	3 231 LE 13 MAI A 1350 HNE	3 004 LE 2 FEV	0 650 LE 16 SEP	1983
1984	---	3 212 LE 13 MAI	0 840 LE 1 OCT	1984
1985	2 924 LE 9 FEV A 0350 HNE	---	0 815 LE 22 SEP	1985
		2 871 LE 30 AVR		

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 18.000 m POUR OBTENIR LES COTES GEODESIQUES

A - JAUGE MANUELLE (VOIR INDEX DE REFRENCE)
E - ESTIMATIVE
* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

QUALLUVIARTUNG (LAC) - STATION NO 03GD003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1975	---	---	---	---	---	---	---	---	---	28 27	28 25	---	---	1975
1976	---	---	---	---	---	---	28 34	---	---	28 28	28 24	---	---	1976
1977	---	---	---	---	---	---	---	---	28 27	28 25	28 23	---	---	1977
MOYEN	---	---	---	---	---	---	28 34	---	28 27	28 27	28 24	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 69 34 30
LONG 74 35 40

BASSIN VERSANT, 25 8 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

QUINZE (LAC DES) A LA POINTE DU PIN ROUGE - STATION NO 02JB011

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1922	262.68	262.47	261.62	261.09	263.16	262.94	262.38	262.31	261.23	260.39	261.08	261.79	261.93	1922
1923	261.73	260.76	259.87	259.80	262.46	263.28	263.03	262.02	262.35	262.48	261.97	261.68	261.78	1923
1924	261.82	261.70	261.06	260.15	262.03	263.20	263.15	262.63	262.64	263.15	262.87	262.80	262.27	1924
1925	262.29	261.60	260.47	260.85	262.77	263.28	263.25	263.29	263.11	---	262.67	263.10	---	1925
1926	262.87	262.34	261.27	259.93	261.57	263.05	263.31	263.11	262.27	261.66	261.79	262.75	262.16	1926
1927	262.62	261.84	260.34	260.70	262.55	263.31	263.33	263.29	262.73	262.50	262.77	262.83	262.41	1927
1928	262.88	261.88	260.74	260.57	---	263.30	263.32	263.10	263.20	263.27	263.15	262.67	---	1928
1929	261.83	261.15	260.13	260.37	262.62	263.29	263.29	262.74	262.15	262.45	262.59	262.09	262.06	1929
1930	261.52	260.70	259.98	260.07	262.64	263.33	263.30	263.20	263.24	263.05	262.89	262.40	262.21	1930
1931	261.83	261.31	260.37	260.31	---	263.26	262.87	262.02	261.87	262.27	262.92	263.20	---	1931
1932	263.26	262.56	260.91	260.71	262.67	263.30	263.33	263.28	262.95	263.33	---	262.81	---	1932
1933	262.67	262.27	---	261.19	263.04	263.12	262.81	262.25	---	261.75	262.14	262.27	---	1933
1934	261.94	261.38	260.63	260.31	262.62	263.21	262.99	262.43	261.98	261.75	262.31	263.24	262.07	1934
1935	263.07	262.47	260.82	260.28	---	263.32	263.19	262.65	261.92	262.10	262.75	263.06	---	1935
1936	262.66	261.96	260.95	260.34	262.67	263.26	263.21	262.68	262.01	262.27	262.90	263.06	262.34	1936
1937	263.03	262.09	260.40	260.51	262.96	263.24	263.04	262.67	262.40	262.84	263.10	263.08	262.45	1937
1938	262.65	261.52	260.47	261.31	262.92	263.17	262.78	262.51	262.75	262.73	262.75	262.52	262.35	1938
1939	262.25	261.83	260.48	260.08	262.28	262.41	262.31	262.14	261.66	261.78	262.07	262.00	261.78	1939
1940	261.89	261.66	260.65	260.01	262.11	263.15	263.11	262.95	263.24	263.15	263.14	---	---	1940
1941	262.86	261.85	260.98	261.01	262.88	262.77	263.24	263.21	263.21	263.21	263.21	263.23	262.85	1941
1942	263.16	261.93	260.82	260.93	262.69	263.15	262.98	262.39	261.96	261.94	262.26	262.72	262.25	1942
1943	262.80	262.13	260.74	260.66	262.51	263.18	263.17	263.21	263.21	263.24	263.20	263.10	262.60	1943
1944	262.09	261.42	260.24	260.24	262.40	263.27	263.02	262.72	262.36	262.43	262.75	262.72	262.14	1944
1945	261.82	261.00	260.40	260.56	263.23	263.16	263.11	262.63	262.04	262.12	262.87	263.12	262.35	1945
1946	262.55	261.40	260.78	261.50	262.88	263.02	262.95	262.87	262.68	262.40	262.37	262.87	262.36	1946
1947	262.55	261.69	260.43	260.70	263.10	263.44	263.25	262.94	262.22	262.19	261.73	261.27	262.13	1947
1948	260.74	260.34	260.04	260.58	262.54	263.26	---	---	---	---	---	---	---	1948
1949	---	260.84	260.29	261.17	262.95	263.23	263.27	263.16	263.08	262.96	262.80	262.42	---	1949
1950	261.90	261.48	260.66	260.64	262.89	263.31	263.30	263.09	262.67	262.35	262.43	262.34	262.27	1950
1951	261.90	261.38	260.75	261.47	262.97	263.04	263.29	263.23	262.88	263.18	263.16	---	---	1951
1952	262.59	261.61	260.88	261.14	263.26	263.33	263.19	263.26	263.16	262.84	262.12	262.82	262.52	1952
1953	262.87	261.71	261.15	262.94	263.23	263.00	262.46	262.03	262.06	262.04	261.41	261.05	262.17	1953
1954	260.86	260.64	260.57	260.89	262.71	263.28	263.32	263.21	262.97	263.28	263.34	263.26	262.37	1954
1955	262.83	261.77	261.42	261.23	263.01	262.21	262.23	261.91	261.48	262.31	263.22	262.77	262.19	1955
1956	262.18	262.17	261.48	260.64	262.64	263.30	263.33	263.25	263.35	263.25	262.93	262.65	262.61	1956
1957	262.78	262.56	261.86	260.93	263.07	262.90	263.31	263.12	262.85	263.14	263.26	263.30	262.77	1957
1958	263.23	262.84	261.64	260.83	262.04	262.59	262.49	262.07	262.15	262.47	263.15	262.72	262.35	1958
1959	262.51	261.85	261.26	260.98	263.06	263.24	262.51	261.62	262.03	262.58	263.28	263.24	262.35	1959
1960	263.18	262.54	261.53	260.97	263.30	263.38	263.28	263.27	262.87	262.16	261.89	262.58	262.58	1960
1961	262.58	262.08	261.43	261.00	262.23	262.54	262.45	261.74	261.93	263.14	263.12	262.94	262.27	1961
1962	262.99	262.15	261.35	261.24	263.12	263.01	262.08	261.45	261.23	260.97	260.57	260.48	261.72	1962
1963	260.28	260.44	260.41	260.60	261.90	262.09	262.36	262.56	262.93	262.70	262.58	262.62	261.80	1963
1964	261.83	261.11	260.49	261.04	263.17	263.31	263.13	262.54	262.49	262.71	262.67	262.48	262.25	1964
1965	262.13	261.49	260.68	260.40	262.42	263.16	262.85	262.88	263.15	262.83	263.15	263.10	262.36	1965
1966	262.70	261.68	260.62	260.89	262.70	263.22	262.93	263.14	262.76	262.85	263.05	263.42	262.50	1966
1967	262.80	261.50	261.58	261.05	262.55	263.18	263.12	262.76	262.86	262.89	263.22	262.85	262.53	1967
1968	261.98	261.22	260.53	261.42	262.55	262.88	263.16	262.97	262.69	262.66	262.46	262.10	262.23	1968
1969	261.92	261.88	261.08	261.16	263.02	263.34	263.25	263.15	262.95	262.87	263.47	263.29	262.61	1969
1970	262.28	261.50	260.81	260.62	262.83	263.53	263.48	263.22	262.78	263.05	263.20	262.88	262.53	1970
1971	262.24	261.48	260.87	260.92	262.83	262.93	262.88	262.70	262.37	262.46	262.76	263.05	262.30	1971
1972	262.92	262.04	261.28	260.82	262.46	263.26	263.20	262.90	263.01	263.27	263.42	263.09	262.64	1972
1973	262.65	261.98	261.40	262.16	263.38	263.29	263.11	263.10	263.43	263.30	263.00	262.45	262.78	1973
1974	261.91	261.59	261.04	261.06	263.16	263.26	263.38	263.25	262.81	263.34	263.48	263.18	262.63	1974
1975	262.61	261.74	261.04	260.64	262.95	263.46	263.16	262.84	262.82	262.75	262.75	262.71	262.48	1975
1976	262.16	261.62	261.06	262.29	263.32	263.49	263.39	263.18	263.14	263.22	263.22	262.82	262.74	1976
1977	262.22	261.85	261.16	261.58	263.20	263.16	263.28	263.00	262.83	262.91	263.40	263.25	262.64	1977
1978	262.74	261.98	261.06	260.71	262.47	263.31	263.06	262.80	262.78	263.34	263.30	262.68	262.52	1978
1979	262.40	262.02	261.34	261.30	263.20	263.54	263.38	---	---	---	263.36	263.14	---	1979
1980	262.36	261.25	260.98	261.69	263.08	262.94	263.02	263.10	263.03	263.41	263.32	---	---	1980
MOYEN	262.35	261.67	260.85	260.91	262.77	263.14	263.04	262.77	262.59	262.64	262.75	262.70	262.34	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 34 17
LONG 79 10 32

BASSIN VERSANT 23 400 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

QUINZE (LAC DES) A LA POINTE DU PIN ROUGE - STATION NO. 02JB011

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1922	---	263.33 LE 26 MAI	260.19 LE 16 OCT	1922
1923	---	263.33 LE 2 JUN	259.69 LE 7 AVR *	1923
1924	---	263.32 LE 14 JUN	260.02 LE 17 AVR	1924
1925	---	---	---	1925
1926	---	263.35 LE 12 JUL	259.77 LE 17 AVR	1926
1927	---	263.38 LE 28 JUL	259.89 LE 13 MAR	1927
1928	---	---	---	1928
1929	---	263.41 LE 8 JUL	259.84 LE 30 MAR	1929
1930	---	263.53 LE 30 JUN	259.80 LE 6 AVR	1930
1931	---	---	---	1931
1932	---	---	---	1932
1933	---	---	---	1933
1934	---	263.34 LE 13 JUN	260.02 LE 11 AVR	1934
1935	---	---	---	1935
1936	---	263.33 LE 29 MAI	260.19 LE 14 AVR	1936
1937	---	263.32 LE 11 JUN	260.03 LE 5 AVR	1937
1938	---	263.35 LE 23 MAI	260.25 LE 22 MAR	1938
1939	---	262.74 LE 2 JUN	259.93 LE 16 AVR	1939
1940	---	---	---	1940
1941	---	263.35 LE 20 JUL	260.28 LE 12 AVR	1941
1942	---	263.33 LE 3 JAN	260.46 LE 5 AVR	1942
1943	---	263.34 LE 13 SEP	260.21 LE 1 AVR	1943
1944	---	263.32 LE 3 JUN	259.88 LE 5 AVR	1944
1945	---	263.38 LE 30 MAI	260.23 LE 21 MAR	1945
1946	---	263.20 LE 20 MAI	260.56 LE 16 MAR	1946
1947	---	263.46 LE 28 MAI *	260.19 LE 3 AVR	1947
1948	---	---	---	1948
1949	---	---	---	1949
1950	---	263.39 LE 8 JUL	260.27 LE 8 AVR	1950
1951	---	---	---	1951
1952	---	263.44 LE 17 MAI	260.47 LE 4 AVR	1952
1953	---	263.26 LE 11 MAI	260.93 LE 31 DEC	1953
1954	---	263.39 LE 28 JUN	260.36 LE 10 AVR	1954
1955	---	263.32 LE 5 NOV	260.09 LE 31 MAR	1955
1956	---	263.48 LE 16 JUL	260.36 LE 11 AVR	1956
1957	---	263.40 LE 7 JUL	260.45 LE 18 AVR	1957
1958	---	263.35 LE 4 JAN	260.40 LE 8 AVR	1958
1959	---	263.38 LE 15 NOV	260.86 LE 14 AVR	1959
1960	---	263.55 LE 13 MAI	260.50 LE 11 AVR	1960
1961	---	263.30 LE 3 NOV	260.72 LE 13 AVR	1961
1962	---	263.26 LE 14 MAI	260.36 LE 31 DEC	1962
1963	---	262.88 LE 3 SEP	260.17 LE 15 JAN	1963
1964	---	263.34 LE 5 JUN	260.33 LE 31 MAR	1964
1965	---	263.24 LE 4 JUN	260.33 LE 19 AVR	1965
1966	---	263.72 LE 7 DEC	260.50 LE 12 AVR	1966
1967	---	263.32 LE 16 JUN	260.77 LE 3 AVR	1967
1968	---	263.31 LE 16 JUL	260.40 LE 18 MAR	1968
1969	---	263.64 LE 20 NOV	260.69 LE 13 AVR	1969
1970	---	263.80 LE 6 JUN	260.44 LE 16 AVR	1970
1971	---	263.19 LE 24 DEC	260.61 LE 8 AVR	1971
1972	---	263.56 LE 3 NOV	260.73 LE 14 AVR	1972
1973	---	263.60 LE 21 MAI	261.32 LE 11 MAR	1973
1974	---	263.53 LE 8 NOV	260.82 LE 12 AVR	1974
1975	---	263.56 LE 12 JUN	260.67 LE 17 AVR	1975
1976	---	263.67 LE 5 JUN	260.85 LE 20 MAR	1976
1977	---	263.58 LE 20 NOV	261.04 LE 26 MAR	1977
1978	---	263.50 LE 31 OCT	260.88 LE 8 AVR	1978
1979	---	---	---	1979
1980	---	263.49 LE 25 OCT	260.82 LE 1 AVR	1980

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTYRES POUR TOUTE LA PERIODE D'OBSERVATION

RASCAS (RUISSEAU) AU RESERVOIR MITCHINAMECUS - STATION NO. 02LE016

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	37.22	37.90	38.67	39.05	39.88	37.12	37.28	37.74	38.81	39.25	39.44	39.37	38.34	1963
1964	38.40	37.87	37.76	38.13	40.31	40.36	40.76	41.27	41.79	41.84	41.73	40.75	40.09	1964
1965	38.85	37.67	37.19	36.79	38.80	39.30	39.25	39.83	40.87	41.79	42.76	42.81	39.67	1965
1966	42.41	41.64	40.58	40.38	41.78	42.08	42.59	43.03	42.91	42.82	42.68	41.88	42.07	1966
MOYEN	39.25	37.30	36.05	37.09	39.19	39.72	39.97	40.49	41.05	41.43	41.85	41.21	39.54	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 12 00
LONG 78 08 00

BASSIN VERSANT, 932 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

RASCAS (RUISSEAU) AU RESERVOIR MITCHINAMECUS - STATION NO. 02LE018

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1983	---	39.88 LE 2 DEC	38.22 LE 29 MAR *	1983
1984	---	41.87 LE 20 OCT	37.55 LE 8 AVR	1984
1985	---	42.83 LE 19 NOV	38.54 LE 10 AVR	1985
1986	---	43.08 LE 18 AOU *	40.08 LE 11 AVR	1986

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

RAYMOND (LAC) - STATION NO. 02LC042

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1980	---	---	---	305.23	305.63	305.65	305.82	305.89	305.73	305.92	---	---	---	1980
1981	---	---	---	305.32	305.95	305.90	305.87	305.80	305.63	---	---	---	---	1981
MOYEN	---	---	---	305.28	305.89	305.78	305.85	305.85	305.68	305.92	---	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 00 22
LONG 74 09 14 DEBIT NATUREL

DONNEES FOURNIES PAR :
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

RICHELIEU (RIVIERE) A CANTIC - STATION NO. 020J006

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1937	---	---	---	---	2.304	1.944	1.387	1.084	0.842	0.718	0.838	0.827	---	1937
1938	0.818	1.227	1.420	1.898	1.614	1.204	0.955	0.813	1.089	1.407	1.129	1.381	1.283	1938
1939	1.245	1.104	1.314	2.117	2.494	1.731	1.240	0.976	0.758	0.695	0.733	0.737	1.282	1939
1940	0.714	0.677	0.712	1.794	2.413	1.908	1.345	0.988	0.755	0.680	0.834	0.831	1.146	1940
1941	1.291	1.150	1.033	1.501	1.364	1.024	0.835	0.869	0.588	0.527	0.658	0.668	0.942	1941
1942	0.835	0.619	1.185	1.940	1.836	1.483	1.202	0.889	0.738	0.785	0.889	0.945	1.131	1942
1943	0.980	0.977	1.415	1.873	2.172	1.818	1.415	1.221	1.068	0.858	1.222	1.189	1.335	1943
1944	0.899	0.838	1.045	1.876	2.118	1.414	1.098	0.822	0.686	0.687	0.757	0.777	1.100	1944
1945	0.839	0.921	1.481	2.165	2.202	1.811	1.382	1.171	0.980	1.741	1.703	1.539	1.494	1945
1946	1.352	1.219	1.633	1.772	1.542	1.418	1.018	0.840	0.898	0.882	1.067	1.185	1.219	1946
1947	1.292	1.485	1.511	2.243	2.385	2.590	2.021	1.459	1.035	0.739	0.894	0.890	1.509	1947
1948	0.887	0.848	0.994	1.920	1.894	1.478	1.141	0.932	0.737	0.594	0.808	1.094	1.059	1948
1949	1.615	1.434	1.395	1.830	1.574	1.101	0.781	0.622	0.840	0.883	0.852	0.880	1.088	1949
1950	1.200	1.312	1.301	1.988	1.784	1.227	0.850	0.724	0.780	0.701	0.784	1.332	1.155	1950
1951	1.229	1.291	1.482	2.349	2.006	1.371	1.180	0.845	0.824	0.712	0.888	1.176	1.293	1951
1952	1.284	1.402	1.306	2.183	1.941	1.830	1.348	0.941	0.805	0.898	0.813	0.818	1.263	1952
1953	0.837	1.234	1.424	2.084	2.214	1.531	1.055	0.828	0.701	0.585	0.507	0.859	1.144	1953
1954	0.719	0.894	1.770	2.151	2.349	1.879	1.414	1.094	1.032	1.370	1.306	1.414	1.452	1954
1955	1.491	1.328	1.845	2.329	2.090	1.473	1.087	0.937	0.925	0.787	1.013	0.883	1.328	1955
1956	0.887	0.858	0.895	1.894	2.221	1.858	1.304	0.988	0.773	0.697	0.886	0.626	1.120	1956
1957	0.835	0.980	1.178	1.324	1.278	1.181	1.094	0.882	0.721	0.824	0.695	0.873	0.981	1957
1958	1.429	1.318	1.227	2.113	2.288	1.718	1.301	1.148	1.011	1.022	1.211	1.098	1.407	1958
1959	1.022	1.198	1.282	2.302	1.887	1.401	1.166	0.903	0.795	0.823	1.174	1.744	1.308	1959
1960	1.560	1.401	1.390	2.365	2.182	1.588	1.232	1.017	0.881	0.887	0.992	0.915	1.386	1960
1961	0.813	0.786	1.281	1.843	1.977	1.858	1.467	1.255	1.129	0.912	0.816	0.879	1.220	1961
1962	0.887	0.872	0.936	2.051	2.021	1.419	1.112	1.173	1.062	1.159	1.334	1.339	1.283	1962
1963	1.182	1.123	1.162	2.381	2.194	1.574	1.173	1.094	1.077	0.846	0.872	0.955	1.304	1963
1964	0.984	1.100	1.416	1.714	1.704	1.391	1.121	0.953	0.898	0.724	0.872	0.723	1.114	1964
1965	0.843	0.904	0.949	1.072	1.245	1.004	0.879	0.884	0.980	1.134	1.231	1.428	1.047	1965
1966	1.324	1.251	1.619	1.940	1.772	1.584	1.171	0.981	0.954	0.893	0.878	0.951	1.275	1966
1967	0.945	1.032	1.000	1.780	1.880	1.857	1.417	1.241	1.141	1.112	1.201	1.304	1.306	1967
1968	1.254	1.200	1.388	2.100	1.841	1.596	1.461	1.272	1.084	0.945	0.995	1.441	1.382	1968
1969	1.389	1.415	1.327	2.293	2.629	2.017	1.552	1.453	1.328	1.121	1.334	1.430	1.607	1969
1970	1.383	1.453	1.401	2.059	2.487	1.737	1.348	1.152	1.039	1.042	1.048	1.101	1.435	1970
1971	1.076	1.109	1.416	2.172	2.815	2.006	1.430	1.303	1.471	1.257	1.031	1.154	1.522	1971
1972	1.221	1.156	1.302	2.030	2.801	2.155	1.895	1.781	1.406	1.102	1.274	1.848	1.649	1972
1973	1.819	1.969	2.190	2.520	2.217	2.236	2.183	1.873	1.386	1.280	1.181	1.491	1.840	1973
1974	1.896	1.835	1.848	2.264	2.461	1.957	1.591	1.410	1.221	1.114	1.107	1.415	1.884	1974
1975	1.348	1.258	1.466	1.947	2.096	1.802	1.288	1.078	1.079	1.391	1.847	1.885	1.490	1975
1976	1.455	1.719	2.298	2.729	2.382	2.003	1.752	1.926	1.738	1.718	1.736	1.485	1.911	1976
1977	1.275	1.170	1.815	2.502	2.085	1.431	1.189	1.090	1.179	1.885	2.089	1.956	1.845	1977
1978	1.920	1.855	1.547	2.446	2.464	1.896	1.510	1.228	0.878	0.902	0.880	0.834	1.538	1978
1979	1.225	1.298	1.988	2.393	2.068	1.739	1.338	1.150	1.284	1.231	1.258	1.380	1.530	1979
1980	1.310	1.050	1.008	1.880	1.800	1.272	1.082	1.118	1.100	1.082	1.110	1.303	1.228	1980
1981	1.190	1.522	1.946	1.891	1.444	1.800	1.290	1.372	1.857	1.888	1.988	1.893	1.891	1981
1982	1.502	1.403	1.436	2.337	2.233	1.854	1.425	1.180	1.052	0.987	1.003	1.082	1.437	1982
1983	1.184	1.340	1.498	2.042	2.827	2.327	1.622	1.412	1.335	1.324	1.357	2.280	1.713	1983
1984	2.033	1.801	1.852	2.133	2.242	2.258	1.762	1.439	1.210	1.087	1.090	1.228	1.879	1984
1985	1.513	1.331	1.186	1.582	1.785	1.494	1.383	1.210	1.022	1.195	1.384	1.401	1.387	1985
MOYEN	1.216	1.224	1.402	2.021	2.084	1.858	1.310	1.111	1.011	1.004	1.070	1.188	1.357	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 27.740 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 03 54
LONG 73 19 14 DEBIT NATUREL

RICHELIEU (RIVIERE) A CANTIC - STATION NO. 020J005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1937	...	2.580 LE 22 MAI	0.585 LE 20 OCT	1937
1938	...	2.051 LE 17 AVR	0.820 LE 8 SEP	1938
1939	...	2.838 LE 2 MAI	0.591 LE 17 OCT	1939
1940	...	2.803 LE 6 MAI	0.591 LE 26 OCT	1940
1941	...	1.841 LE 23 AVR	0.424 LE 11 OCT *	1941
1942	...	2.289 LE 28 AVR	0.634 LE 20 SEP	1942
1943	...	2.411 LE 16 MAI	0.780 LE 20 OCT	1943
1944	...	2.353 LE 2 MAI	0.505 LE 19 OCT	1944
1945	...	2.700 LE 10 AVR	0.750 LE 2 JAN	1945
1946	...	2.030 LE 23 MAR	0.628 LE 23 SEP	1946
1947	...	2.795 LE 5 JUN	0.587 LE 23 OCT	1947
1948	...	2.121 LE 8 AVR	0.508 LE 24 OCT	1948
1949	...	1.908 LE 18 AVR	0.508 LE 31 OCT	1949
1950	...	2.152 LE 26 AVR	0.618 LE 3 NOV	1950
1951	...	2.536 LE 22 AVR	0.622 LE 1 NOV	1951
1952	...	2.423 LE 19 AVR	0.587 LE 16 NOV	1952
1953	...	2.402 LE 15 MAI	0.451 LE 8 NOV	1953
1954	...	2.545 LE 29 AVR	0.673 LE 11 FEV	1954
1955	...	2.633 LE 22 AVR	0.692 LE 5 OCT	1955
1956	...	2.374 LE 18 MAI	0.809 LE 10 DEC	1956
1957	...	1.448 LE 31 DEC	0.578 LE 1 NOV	1957
1958	...	2.576 LE 24 AVR	0.911 LE 20 OCT	1958
1959	...	2.519 LE 16 AVR	0.698 LE 1 OCT	1959
1960	...	2.624 LE 26 AVR	0.788 LE 11 OCT	1960
1961	...	2.100 LE 15 MAI	0.734 LE 22 FEV	1961
1962	...	2.347 LE 2 MAI	0.856 LE 16 JAN	1962
1963	...	2.488 LE 24 AVR	0.579 LE 29 OCT	1963
1964	...	1.917 LE 25 AVR	0.881 LE 15 NOV	1964
1965	...	1.451 LE 8 DEC	0.759 LE 1 JAN	1965
1966	...	2.002 LE 24 AVR	0.838 LE 30 OCT	1966
1967	...	2.051 LE 1 MAI	0.890E LE 24 JAN	1967
1968	...	2.347 LE 5 AVR	0.875 LE 21 OCT	1968
1969	...	3.011 LE 25 AVR	1.070 LE 28 OCT	1969
1970	...	2.787 LE 30 AVR	0.928E LE 14 NOV	1970
1971	...	3.014E LE 13 MAI	0.911E LE 22 NOV	1971
1972	...	3.091E LE 11 MAI *	1.003 LE 24 OCT	1972
1973	2.700 LE 7 AVR A 2200 HNE	2.685 LE 5 AVR	1.073 LE 15 NOV	1973
1974	2.812 LE 15 MAI A 0718 HNE	2.586 LE 3 MAI	0.948 LE 21 NOV	1974
1975	2.310 LE 1 MAI A 226[illegible] HNE	2.289 LE 29 AVR	1.000 LE 10 SEP	1975
1976	3.048 LE 5 AVR A 1850 HNE	3.017 LE 6 AVR	1.353 LE 31 DEC	1976
1977	2.685 LE 28 AVR A 0207 HNE	2.830E LE 6 AVR	1.018 LE 9 AOU	1977
1978	2.755 LE 29 AVR A 1208 HNE	2.740 LE 29 AVR	0.774 LE 26 NOV	1978
1979	...	2.475A LE 3 AVR	0.924 LE 1 JAN	1979
1980	1.850 LE 20 AVR A 1035 HNE	1.810 LE 18 AVR	0.866 LE 13 MAR	1980
1981	2.313 LE 28 FEV A 1745 HNE	2.284 LE 28 FEV	1.105 LE 31 JAN	1981
1982	2.705 LE 26 AVR A 2010 HNE	2.557 LE 26 AVR	0.890A LE 31 OCT	1982
1983	3.084 LE 8 MAI A 2105 HNE *	3.027 LE 9 MAI	1.014 LE 30 OCT	1983
1984	2.617 LE 9 JUN A 1305 HNE	2.490 LE 9 JUN	1.048 LE 26 OCT	1984
1985	2.087 LE 24 AVR A 1033 HNE	1.984 LE 30 AVR	0.803 LE 16 MAR	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 27.740 m POUR OBTENIR LES COTES GEODESIQUES

A - JAUGE MANUELLE (VOIR INDEX DE REFRENCE)

E - ESTIMATIVE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

RICHELIEU (RIVIERE) A LA MARINA DE SAINT-JEAN - STATION NO. 020J015

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1972	...	...	...	1.183	1.737	1.285	1.044	0.985	0.872	0.451	0.677	0.822	...	1972
1973	0.835	1.050	1.283	1.588	1.333	1.304	1.191	0.815	0.586	0.548	0.453	0.720	0.881	1973
1974	1.158	0.881	1.055	1.385	1.642	1.122	0.831	0.672	0.502	0.420	0.418	0.588	0.894	1974
1975	0.805	0.523	0.701	1.104	1.232	0.814	0.606	0.338	0.351	0.611	0.844	0.677	0.710	1975
1976	0.719	0.861	1.377	1.733	1.458	1.113	0.885	0.575	0.841	0.871	0.824	0.886	1.035	1976
1977	0.881	0.479	0.992	1.580	1.302	0.881	0.412	0.330	0.445	1.088	1.180	1.070	0.835	1977
1978	1.020	0.928	0.789	1.513	1.524	1.024	0.889	0.432	0.280	0.224	0.232	0.113	0.725	1978
1979	0.455	0.550	1.124	1.485	1.198	0.875	0.606	0.358	0.515	0.501	0.547	0.664	0.730	1979
1980	0.518	0.336	0.327	0.870	0.624	0.515	0.288	0.335	0.395	0.389	0.400	0.574	0.481	1980
1981	0.489	0.729	1.151	1.078	0.893	0.710	0.488	0.583	0.518	0.834	1.108	0.862	0.792	1981
1982	0.723	0.801	0.874	1.430	1.326	0.821	0.586	0.387	0.288	0.260	0.318	0.370	0.845	1982
1983	0.406	0.545	0.718	1.149	1.785	1.348	0.728	0.588	0.428	0.350	0.586	1.305	0.829	1983
1984	1.072	0.926	0.959	1.230	1.329	1.300	0.857	0.584	0.402	0.322	0.340	0.481	0.813	1984
1985	0.708	0.547	0.888	1.113	0.956	0.850	0.681	0.399	0.308	0.451	0.558	0.617	0.833	1985
MOYEN	0.723	0.695	0.824	1.312	1.311	0.957	0.673	0.542	0.473	0.521	0.606	0.688	0.777	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 28.301 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1988)

LOCATION - LAT 45 18 03
LONG 73 15 04

DEBIT NATUREL

RICHELIEU (RIVIERE) A LA MARINA DE SAINT-JEAN - STATION NO. 020J015

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1972	---	1.920 LE 11 MAI	0.311 LE 9 NOV	1972
1973	---	1.697 LE 7 AVR	0.308 LE 30 OCT	1973
1974	---	1.685 LE 15 MAI	0.338 LE 6 NOV	1974
1975	1.632 LE 4 MAI A 1440 HNE	1.611 LE 29 AVR	0.268A LE 30 AOU	1975
1976	2.002E LE 5 AVR A 0056 HNE	1.978E LE 5 AVR *	0.594 LE 29 DEC	1976
1977	1.782 LE 3 AVR A 0520 HNE	1.688 LE 3 AVR	0.268 LE 9 AOU	1977
1978	---	1.758A LE 1 MAI	0.030A LE 27 DEC *	1978
1979	1.645 LE 5 AVR A 1739 HNE	1.628A LE 3 AVR	0.140A LE 1 JAN	1979
1980	1.035 LE 16 MAI A 1806 HNE	1.030A LE 20 AVR	0.160A LE 9 MAR	1980
1981	---	1.573A LE 26 FEV	0.335 LE 27 JUL	1981
1982	1.781E LE 26 AVR A 1906 HNE	1.697A LE 26 AVR	0.188 LE 9 OCT	1982
1983	2.018 LE 7 MAI A 2159 HNE *	1.940 LE 7 MAI	0.175 LE 4 NOV	1983
1984	1.621 LE 9 JUN A 1310 HNE	1.502 LE 9 JUN	0.290 LE 2 OCT	1984
1985	1.280 LE 14 AVR A 1835 HNE	1.183 LE 14 AVR	0.208 LE 31 AOU	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 28.301 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1969)

A - JAUGE MANUELLE (VOIR INDEX DE REFRENCE) E - ESTIMATIVE * - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

RICHELIEU (RIVIERE) A SAINT-JEAN - STATION NO. 020J001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1914	---	---	---	---	---	---	---	---	---	28.449	28.455	28.509	---	1914
1915	28.533	28.730	29.088	29.089	28.982	28.735	28.638	28.573	28.526	28.480	28.458	28.530	28.697	1915
1916	28.790	29.036	28.998	28.581	29.510	29.301	29.028	28.747	28.583	28.573	28.538	28.738	28.950	1916
1917	28.772	28.789	28.882	28.691	28.486	29.358	29.109	28.849	28.692	28.742	28.957	28.780	29.008	1917
1918	28.686	28.789	29.131	28.783	28.601	29.221	28.942	28.747	28.691	29.212	29.467	29.340	29.135	1918
1919	29.189	28.961	29.115	28.726	28.593	28.264	28.698	28.614	28.575	28.784	29.077	28.982	29.060	1919
1920	28.776	28.710	29.005	28.929	28.802	28.158	28.678	28.686	28.595	28.782	28.730	29.058	29.011	1920
1921	29.004	28.717	28.225	28.583	28.179	28.805	28.648	28.503	28.431	28.371	28.465	28.789	28.809	1921
1922	28.729	28.685	29.145	28.998	28.692	28.334	28.358	28.924	28.712	28.569	28.490	28.505	29.013	1922
1923	28.750	28.045	29.137	29.705	28.608	29.202	28.820	28.522	28.391	28.363	28.517	28.912	28.913	1923
1924	28.948	28.922	28.857	29.420	29.788	29.207	28.784	28.563	28.556	28.622	28.510	28.606	28.897	1924
1925	28.541	28.840	29.338	29.535	28.276	28.942	28.783	28.789	28.652	28.980	29.186	29.132	28.998	1925
1926	28.916	28.882	28.776	28.366	28.780	29.283	28.997	28.745	28.580	28.576	28.914	28.850	28.978	1926
1927	28.742	28.683	28.998	29.102	29.004	28.886	28.642	28.612	28.463	28.495	29.518	28.782	28.901	1927
1928	29.481	29.142	29.032	29.861	29.585	29.335	28.965	28.731	28.561	28.591	28.630	28.672	29.030	1928
1929	28.852	28.635	28.949	29.854	29.828	29.267	28.999	28.669	28.494	28.456	28.519	28.473	28.883	1929
1930	28.873	28.919	29.248	29.527	29.323	29.281	29.025	28.695	28.483	28.363	28.375	28.336	28.871	1930
1931	28.338	28.476	28.219	29.182	28.920	28.763	28.667	28.537	28.578	28.556	28.615	28.692	28.978	1931
1932	28.878	28.940	28.751	29.524	28.467	29.005	28.783	28.702	28.504	28.632	28.812	28.894	28.907	1932
1933	28.800	28.715	28.581	29.716	29.763	29.085	28.670	28.475	28.424	28.330	28.343	28.444	28.787	1933
1934	28.584	28.592	28.808	29.717	28.484	28.948	28.650	28.421	28.333	28.287	28.348	28.490	28.716	1934
1935	28.725	28.728	28.858	29.182	29.372	29.133	29.020	28.784	28.574	28.559	28.523	28.674	28.844	1935
1936	28.670	28.703	28.405	30.036	29.639	29.086	28.899	28.685	28.480	28.800	28.901	28.819	28.961	1936
1937	29.040	28.990	28.880	29.283	29.723	29.430	28.992	28.694	28.525	28.434	28.558	28.614	28.930	1937
1938	28.599	28.832	29.001	29.428	29.183	28.839	28.808	28.554	28.704	28.881	28.784	28.986	28.675	1938
1939	28.835	28.699	28.877	29.956	29.881	29.256	28.843	28.606	28.425	28.400	28.433	28.447	28.856	1939
1940	28.420	28.380	28.412	29.306	29.795	29.407	28.947	28.654	28.470	28.397	28.518	28.620	28.778	1940
1941	28.948	28.752	28.671	29.096	28.984	28.696	28.552	28.408	28.329	28.270	28.380	28.355	28.618	1941
1942	28.505	28.508	28.819	29.437	29.366	29.084	28.837	28.672	28.456	28.519	28.614	28.633	28.778	1942
1943	28.673	28.678	29.037	29.282	29.654	29.379	29.057	28.885	28.747	28.582	28.919	28.884	28.978	1943
1944	28.712	28.851	28.753	29.419	29.620	29.057	28.801	28.658	28.426	28.452	28.520	28.508	28.790	1944
1945	28.688	28.698	29.143	29.605	29.678	29.374	29.028	28.798	28.572	29.316	29.278	29.138	29.120	1945
1946	29.020	28.905	29.258	29.349	29.171	29.094	28.724	28.647	28.435	28.601	28.813	28.917	28.903	1946
1947	28.853	29.103	29.108	28.670	29.817	29.876	29.511	29.035	28.895	28.689	28.451	28.429	29.101	1947
1948	28.382	28.427	28.811	29.611	29.278	29.093	28.808	28.607	28.457	28.384	28.550	28.730	28.752	1948
1949	29.157	29.003	29.030	29.362	29.187	28.798	28.628	28.385	28.380	28.384	28.383	28.512	28.753	1949
1950	28.801	28.850	28.788	29.480	29.330	28.817	28.591	28.459	28.485	28.453	28.512	28.984	28.802	1950
1951	28.855	28.883	29.059	29.803	29.515	29.018	28.827	28.639	28.547	28.469	28.703	28.835	28.930	1951
1952	28.925	28.970	28.926	29.882	29.481	29.355	28.948	28.812	28.487	28.425	28.342	28.555	28.868	1952
1953	28.892	28.934	29.055	29.540	29.834	29.094	28.878	28.492	28.421	28.296	28.277	28.416	28.793	1953
1954	28.426	28.583	29.224	29.890	29.782	29.387	28.985	28.689	28.738	28.860	28.909	28.986	29.022	1954
1955	29.009	28.822	29.157	29.883	29.529	29.040	28.674	28.572	28.562	28.493	28.550	28.623	28.901	1955
1956	28.541	28.554	28.570	28.243	29.857	29.347	28.879	28.592	28.501	28.475	28.418	28.480	28.771	1956
1957	28.550	28.642	28.640	28.988	28.926	28.836	28.724	28.585	28.457	28.388	28.484	28.702	28.674	1957
1958	28.942	28.870	28.878	28.580	29.720	29.230	28.838	28.714	28.619	28.659	28.845	28.890	28.965	1958
1959	28.653	28.786	28.837	29.884	29.384	28.937	28.717	28.508	28.422	28.475	28.794	29.169	28.862	1959
1960	29.028	28.920	28.889	29.743	29.585	29.047	28.733	28.587	28.500	28.524	28.650	28.559	28.891	1960
1961	28.502	28.435	28.854	29.187	29.425	29.147	28.931	28.788	28.580	28.540	28.473	28.532	28.790	1961
1962	28.513	28.482	28.553	29.466	29.487	28.949	28.850	28.731	28.639	28.719	28.878	28.843	28.828	1962
1963	28.680	28.693	28.681	29.705	29.584	29.079	28.725	28.655	28.535	28.487	28.537	28.601	28.837	1963
1964	28.584	28.578	28.961	29.218	29.200	28.900	28.649	28.434	28.487	28.351	28.345	28.381	28.689	1964
1965	28.472	28.518	28.585	28.885	28.815	28.834	28.487	28.483	28.579	28.734	28.819	28.827	28.645	1965
1966	28.882	28.780	29.143	29.338	29.281	29.082	28.733	28.592	28.568	28.580	28.575	28.603	28.842	1966
1967	28.567	28.537	28.640	29.227	29.295	29.127	28.885	28.750	28.571	28.589	28.787	28.635	28.842	1967
1968	28.880	28.785	28.942	29.521	29.277	29.038	28.922	28.780	28.649	28.572	28.604	28.937	28.906	1968
1969	28.943	28.917	28.887	29.884	29.813	29.425	29.016	28.805	28.724	28.921	28.988	28.988	29.097	1969
1970	28.980	29.008	---	---	---	---	---	28.661	28.611	28.859	---	---	---	1970
1971	---	---	---	---	---	---	28.807	28.838	28.658	29.015	28.882	28.700	28.800	---	1971
1972	---	---	---	---	---	---	28.573	28.352	28.282	28.889	28.747	---	---	---	1972
MOYEN	28.752	28.786	28.830	29.491	29.470	29.136	28.848	28.658	28.582	28.575	28.653	28.739	28.878	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1969)

LOCATION - LAT 45 18 48 BASSIN VERSANT, 22 000 km²
LONG 73 15 08 DEBIT NATUREL

RICHELIEU (RIVIERE) A SAINT-JEAN - STATION NO 020J001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1914	...	...	28.170 LE 24 OCT	1914
1915	...	29.284 LE 22 AVR	28.121 LE 15 OCT	1915
1916	...	29.894 LE 26 AVR	28.374 LE 14 OCT	1916
1917	...	29.797 LE 10 AVR	28.551 LE 1 OCT	1917
1918	...	29.922 LE 8 AVR	28.528 LE 10 SEP	1918
1919	...	30.075 LE 20 AVR	28.426 LE 8 SEP	1919
1920	...	30.151 LE 23 AVR	28.398 LE 16 SEP	1920
1921	...	29.846 LE 31 MAR	28.197 LE 2 NOV	1921
1922	...	30.456 LE 17 AVR *	28.374 LE 12 NOV	1922
1923	...	29.822 LE 14 AVR	28.221 LE 23 OCT	1923
1924	...	29.974 LE 18 MAI	28.273 LE 17 NOV	1924
1925	...	29.745E LE 14 AVR	28.444 LE 8 SEP	1925
1926	...	29.968 LE 5 MAI	28.459 LE 23 SEP	1926
1927	...	29.956 LE 10 DEC	28.020 LE 27 SEP	1927
1928	...	29.864 LE 15 AVR	28.313 LE 13 OCT	1928
1929	...	30.020 LE 11 MAI	28.282 LE 26 SEP	1929
1930	...	29.803 LE 18 AVR	27.975 LE 25 OCT *	1930
1931	...	29.499 LE 10 AVR	28.310 LE 1 JAN	1931
1932	...	29.800 LE 26 AVR	28.368 LE 28 SEP	1932
1933	...	30.200 LE 23 AVR	28.218 LE 7 OCT	1933
1934	...	30.047 LE 19 AVR	28.066 LE 13 OCT	1934
1935	...	29.532 LE 9 MAI	28.282 LE 12 NOV	1935
1936	...	30.233 LE 27 MAR	28.365 LE 20 AOU	1936
1937	...	29.931 LE 22 MAI	28.285 LE 20 OCT	1937
1938	...	29.627 LE 17 AVR	28.468 LE 24 AOU	1938
1939	...	30.160 LE 9 MAI	28.270 LE 17 SEP	1939
1940	...	29.953 LE 7 MAI	28.276 LE 15 OCT	1940
1941	...	29.604 LE 30 AVR	28.124 LE 23 SEP	1941
1942	...	29.739 LE 28 AVR	28.282 LE 20 SEP	1942
1943	...	29.837 LE 16 MAI	28.404 LE 24 OCT	1943
1944	...	29.803 LE 2 MAI	28.279 LE 2 OCT	1944
1945	...	29.864 LE 7 AVR	28.462 LE 17 SEP	1945
1946	...	29.742 LE 3 AVR	28.340 LE 30 SEP	1946
1947	...	30.169 LE 5 JUN	28.310 LE 4 DEC	1947
1948	...	29.834 LE 14 AVR	28.282 LE 25 OCT	1948
1949	...	29.841 LE 12 AVR	28.130 LE 4 NOV	1949
1950	...	29.745 LE 28 AVR	28.262 LE 3 NOV	1950
1951	...	30.020 LE 17 AVR	28.374 LE 6 OCT	1951
1952	...	29.867 LE 22 AVR	28.221 LE 12 NOV	1952
1953	...	29.776 LE 5 MAI	27.978 LE 7 NOV	1953
1954	...	29.867 LE 22 AVR	28.404 LE 5 JAN	1954
1955	...	30.020 LE 22 AVR	28.404 LE 4 OCT	1955
1956	...	29.758 LE 3 MAI	28.203 LE 18 OCT	1956
1957	...	29.239 LE 25 AVR	28.295 LE 20 OCT	1957
1958	...	30.123 LE 29 AVR	28.523 LE 11 SEP	1958
1959	...	29.864 LE 18 AVR	28.285 LE 2 OCT	1959
1960	...	29.892 LE 27 AVR	28.315 LE 25 OCT	1960
1961	...	29.535 LE 7 MAI	28.401 LE 10 NOV	1961
1962	...	29.812E LE 2 MAI	28.429 LE 28 SEP	1962
1963	...	29.892 LE 30 AVR	28.032 LE 28 OCT	1963
1964	...	29.404 LE 22 AVR	28.246 LE 18 NOV	1964
1965	...	29.072 LE 1 DEC	28.401 LE 4 AOU	1965
1966	...	29.505 LE 21 AVR	28.468 LE 15 SEP	1966
1967	...	29.505 LE 22 AVR	28.499 LE 30 JAN	1967
1968	...	29.758A LE 8 AVR	28.374 LE 12 NOV	1968
1969	...	30.145E LE 25 AVR	28.560 LE 5 NOV	1969
1970	...	...	28.520 LE 17 OCT	1970
1971	...	...	28.493 LE 30 NOV	1971
1972	...	...	28.642 LE 29 OCT	1972

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1969)

A - JAUGE MANUELLE (VOIR INDEX DE REFRENCE) E - ESTIMATIVE * - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

RICHELIEU (RIVIERE) EN AMONT DU BARRAGE FRYERS - STATION NO. 020JD12

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1939	---	---	---	2.106	2.394	1.948	1.550	1.270	1.079	1.034	1.091	1.139	---	1939
1940	1.238	1.222	1.333	1.833	2.282	1.977	1.587	1.309	1.118	1.058	1.198	1.308	1.464	1940
1941	1.799	1.599	1.278	1.617	1.572	1.346	1.173	1.032	0.956	0.900	1.028	1.081	1.278	1941
1942	1.278	1.172	1.517	1.941	1.897	1.630	1.420	1.180	1.039	1.104	1.210	1.374	1.398	1942
1943	1.728	1.565	1.788	1.790	2.149	1.926	1.627	1.462	1.357	1.214	1.802	1.891	1.642	1943
1944	1.690	1.502	1.484	1.859	2.100	1.637	1.402	1.168	1.042	1.057	1.134	1.222	1.481	1944
1945	1.593	1.531	1.893	2.129	2.173	1.930	1.614	1.404	1.287	1.843	1.830	1.844	1.788	1945
1946	1.836	1.731	1.787	1.827	1.726	1.633	1.329	1.141	1.029	1.188	1.850	1.574	1.521	1946
1947	1.785	1.809	1.881	2.107	2.232	2.273	2.009	1.584	1.273	1.081	1.042	1.142	1.678	1947
1948	1.154	1.234	1.555	2.012	1.846	1.678	1.412	1.222	1.069	0.984	1.147	1.346	1.388	1948
1949	1.825	1.788	1.571	1.938	1.781	1.414	1.134	0.981	0.892	0.994	1.023	1.207	1.381	1949
1950	1.509	1.603	1.548	1.897	1.881	1.501	1.204	1.071	1.086	1.082	1.118	1.577	1.430	1950
1951	1.826	1.637	1.726	2.274	2.043	1.602	1.429	1.243	1.139	1.080	1.322	1.498	1.540	1951
1952	1.687	1.664	1.515	2.103	1.978	1.879	1.483	1.160	1.050	1.007	0.957	1.187	1.472	1952
1953	1.419	1.640	1.662	2.062	2.145	1.682	1.286	1.102	1.029	0.931	0.918	1.085	1.410	1953
1954	1.265	1.457	1.847	2.118	2.246	1.948	1.581	1.299	1.332	1.576	1.552	1.580	1.658	1954
1955	1.639	1.721	1.845	2.247	2.082	1.662	1.301	1.179	1.174	1.123	1.328	1.388	1.558	1955
1956	1.403	1.383	1.377	1.843	2.182	1.923	1.481	1.181	1.085	1.086	1.040	1.126	1.425	1956
1957	1.485	1.504	1.531	1.805	1.947	1.443	1.318	1.137	1.045	0.986	1.071	1.311	1.331	1957
1958	1.648	1.526	1.475	2.118	2.200	1.772	1.382	1.248	1.150	1.203	1.409	1.370	1.541	1958
1959	1.483	1.834	1.722	2.146	1.878	1.492	1.254	1.023	0.944	1.024	1.252	1.741	1.473	1959
1960	1.644	1.510	1.420	2.141	2.051	1.802	1.258	1.082	1.034	1.083	1.210	1.188	1.432	1960
1961	1.287	1.300	1.670	1.712	1.938	1.658	1.422	1.229	1.155	1.082	1.052	1.125	1.387	1961
1962	1.260	1.268	1.339	1.853	1.857	1.490	1.175	1.209	1.133	1.259	1.410	1.467	1.410	1962
1963	1.407	1.503	1.487	2.145	2.037	1.575	1.227	1.125	1.112	1.026	1.087	1.353	1.423	1963
1964	1.402	1.583	1.463	1.735	1.718	1.438	1.140	1.000	0.988	0.933	0.918	1.051	1.277	1964
1965	1.268	1.311	1.209	1.283	1.389	1.185	1.004	0.884	1.041	1.235	1.281	1.522	1.229	1965
1966	1.642	1.470	1.690	1.859	1.777	1.552	1.261	1.508	1.735	1.557	1.464	1.184	1.558	1966
1967	1.209	1.271	1.346	1.785	1.829	1.615	1.326	1.174	1.119	1.153	1.319	1.453	1.395	1967
1968	1.629	1.484	1.572	2.015	1.815	1.526	1.350	1.148	1.051	1.029	1.102	1.541	1.440	1968
1969	1.781	1.885	1.981	2.109	2.312	1.905	1.440	1.247	1.156	1.105	1.226	1.480	1.690	1969
1970	1.706	1.726	1.869	2.025	2.186	1.872	1.781	1.804	1.803	1.280	1.151	1.319	1.692	1970
1971	1.618	1.464	1.711	1.984	2.348	1.851	1.488	1.486	1.682	1.583	1.485	1.322	1.650	1971
1972	1.511	1.553	1.577	2.008	2.507	2.034	1.760	1.600	1.350	1.294	1.394	1.683	1.690	1972
1973	1.926	2.000	2.072	2.282	2.071	2.021	1.879	1.525	1.362	1.348	1.284	1.553	1.774	1973
1974	1.928	1.886	1.870	2.121	2.250	1.886	1.549	1.346	---	---	---	---	---	1974
1975	1.527	1.510	1.528	1.882	2.003	1.575	1.178	1.026	1.078	1.383	1.627	1.762	1.521	1975
1976	1.642	1.882	2.159	2.279	2.181	1.859	1.549	1.625	1.589	1.648	1.713	1.589	1.823	1976
1977	---	---	---	2.285	1.973	1.451	1.163	1.080	1.180	1.843	1.885	1.953	---	1977
1978	1.885	1.742	1.554	2.233	2.226	1.813	1.448	1.184	1.045	1.053	1.083	1.013	1.520	1978
1979	---	---	---	2.182	---	---	---	---	---	---	1.346	1.600	---	1979
1980	1.412	1.227	1.205	1.882	1.618	1.304	1.057	1.057	1.077	1.137	1.183	1.383	1.281	1980
1981	1.490	1.673	1.878	1.777	1.628	1.427	1.196	1.218	1.213	1.820	1.827	1.605	1.553	1981
1982	1.513	1.431	1.478	2.000	1.948	1.498	1.244	1.074	0.992	1.027	1.123	1.203	1.377	1982
1983	1.247	1.273	1.452	1.804	2.304	1.950	1.403	1.224	1.131	1.100	1.286	1.904	1.518	1983
1984	1.778	1.632	1.663	1.855	1.943	---	---	---	---	---	---	---	---	1984
1985	1.865	1.588	1.721	1.880	1.741	1.442	1.236	1.089	1.098	1.289	1.430	1.489	1.487	1985
MOYEN	1.555	1.550	1.605	1.978	2.001	1.687	1.389	1.232	1.171	1.194	1.285	1.411	1.495	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 25.000 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1969)

LOCATION - LAT 45 23 41
LONG 73 15 22

DEBIT NATUREL

RICHELIEU (RIVIERE) EN AMONT DU BARRAGE FRYERS - STATION NO. 030J012

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1939	---	2.583 LE 30 AVR	0.926 LE 17 OCT	1939
1940	---			
1941	---	2.411 LE 6 MAI	0.981 LE 28 OCT	1940
1942	---	2.075 LE 17 JAN	0.801 LE 29 SEP	1941
1943	---	2.225 LE 28 AVR	0.885 LE 3 SEP	1942
1944	---	2.414 LE 17 MAI	1.070 LE 18 OCT	1943
		2.234 LE 3 MAI	0.885 LE 29 OCT	1944
1945	---			
1946	---	2.277 LE 5 AVR	1.152 LE 16 SEP	1945
1947	---	2.142 LE 26 JAN	0.869 LE 6 OCT	1946
1948	---	2.523 LE 6 JUN	0.914 LE 31 OCT	1947
1949	---	2.225 LE 8 AVR	0.920 LE 1 NOV	1948
		2.118 LE 31 JAN	0.971 LE 19 AOU	1949
1950	---			
1951	---	2.216 LE 11 MAI	0.929 LE 3 NOV	1950
1952	---	2.417 LE 19 AVR	0.972 LE 12 OCT	1951
1953	---	2.277 LE 22 AVR	0.887 LE 17 NOV	1952
1954	---	2.267 LE 22 MAI	0.768 LE 7 NOV *	1953
		2.362 LE 1 MAI	1.134 LE 26 AOU	1954
1955	---			
1956	---	2.502 LE 17 AVR	1.021 LE 5 OCT	1955
1957	---	2.282 LE 12 MAI	0.902 LE 16 NOV	1956
1958	---	1.807 LE 25 AVR	0.914 LE 3 NOV	1957
1959	---	2.947 LE 25 AVR *	1.051 LE 17 SEP	1958
		2.264 LE 18 AVR	0.833 LE 2 OCT	1959
1960	---			
1961	---	2.328 LE 1 MAI	0.965 LE 25 OCT	1960
1962	---	2.030 LE 15 MAI	0.966 LE 15 DEC	1961
1963	---	2.161 LE 2 MAI	0.999 LE 28 SEP	1962
1964	---	2.282 LE 30 AVR	0.893 LE 29 OCT	1963
		1.871 LE 23 AVR	0.798 LE 1 DEC	1964
1965	---			
1966	---	1.887E LE 28 DEC	0.890 LE 5 AOU	1965
1967	---	2.316 LE 4 OCT	0.847 LE 21 JUL	1966
1968	---	1.957 LE 22 AVR	1.042 LE 10 SEP	1967
1969	---	2.152 LE 5 AVR	0.885 LE 13 NOV	1968
		2.453 LE 1 MAI	1.045 LE 13 OCT	1969
1970	---			
1971	---	2.420 LE 1 MAI	0.884 LE 17 OCT	1970
1972	---	2.486 LE 13 MAI	0.981 LE 30 NOV	1971
1973	---	2.731E LE 11 MAI	1.146 LE 8 NOV	1972
1974	---	2.377 LE 5 AVR	1.103 LE 18 NOV	1973
		2.365 LE 10 MAI	---	1974
1975	---			
1976	---	2.252 LE 20 AVR	0.981 LE 23 AOU	1975
1977	---	2.572 LE 8 AVR	1.414 LE 1 AOU	1976
1978	---	2.388 LE 3 AVR	1.012 LE 11 AOU	1977
1979	---	2.411 LE 29 AVR	0.802E LE 14 OCT	1978
		---	---	1979
1980	---			
1981	---	1.787 LE 18 AVR	0.996 LE 19 SEP	1980
1982	---	2.129 LE 14 AVR	1.078E LE 29 JUL	1981
1983	---	2.250E LE 26 AVR	0.910 LE 25 SEP	1982
1984	---	2.508 LE 15 MAI	0.992E LE 8 OCT	1983
		---	---	1984
1985	---	---	1.011 LE 31 AOU	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 25.000 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST LOCAL 1969)

E - ESTIMATIVE * - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

RICHELIEU (RIVIERE) EN AVAL DU BARRAGE FRYERS - STATION NO. 020JD13

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1939	---	---	---	1.895	2.117	1.855	1.342	1.118	0.985	0.935	0.978	1.085	---	1939
1940	1.236	1.240	1.388	1.771	2.021	1.744	1.391	1.150	0.980	0.935	1.046	1.198	1.337	1940
1941	1.585	1.434	1.225	1.481	1.381	1.173	1.036	0.931	0.896	0.885	0.910	0.882	1.144	1941
1942	1.286	1.241	1.391	1.720	1.872	1.427	1.252	1.026	0.925	0.884	1.081	1.281	1.271	1942
1943	1.684	1.514	1.703	1.588	1.898	1.691	1.434	1.295	1.205	1.076	1.322	1.412	1.486	1943
1944	1.435	1.355	1.383	1.715	1.871	1.450	1.264	1.064	0.949	0.883	1.012	1.111	1.298	1944
1945	1.604	1.585	1.719	1.878	1.921	1.697	1.423	1.246	1.148	1.004	1.585	1.583	1.581	1945
1946	1.547	1.485	1.612	1.843	1.806	1.427	1.181	1.031	0.959	1.093	1.293	1.401	1.347	1946
1947	1.525	1.522	1.530	1.923	2.024	2.145	1.818	1.452	1.183	1.010	0.970	1.084	1.530	1947
1948	1.222	1.284	1.474	1.792	1.850	1.494	1.283	1.111	0.981	0.905	1.048	1.239	1.287	1948
1949	1.640	1.581	1.475	1.718	1.868	1.259	1.031	0.885	0.811	0.917	0.942	1.106	1.249	1949
1950	1.380	1.413	1.346	1.785	1.875	1.344	1.092	0.975	1.000	0.981	1.031	1.437	1.282	1950
1951	1.447	1.409	1.515	2.009	1.802	1.410	1.259	1.105	1.025	0.983	1.184	1.341	1.372	1951
1952	1.480	1.467	1.406	1.932	1.759	1.722	1.361	1.094	1.002	0.970	0.917	1.119	1.356	1952
1953	1.308	1.480	1.494	1.887	1.930	1.511	1.183	1.005	0.943	0.858	0.859	0.893	1.282	1953
1954	1.225	1.424	1.667	1.902	2.018	1.783	1.420	1.158	1.208	1.411	1.389	1.495	1.508	1954
1955	1.487	1.489	1.667	2.003	1.887	1.475	1.151	1.046	1.052	1.008	1.184	1.271	1.389	1955
1956	1.274	1.248	1.238	1.812	1.808	1.583	1.287	1.041	0.958	0.944	0.918	0.892	1.259	1956
1957	1.343	1.373	1.350	1.398	1.330	1.247	1.159	1.003	0.924	0.859	0.848	1.171	1.174	1957
1958	1.446	1.323	1.309	1.831	1.923	1.571	1.248	1.147	1.055	1.110	1.277	1.283	1.378	1958
1959	1.433	1.530	1.519	1.923	1.890	1.339	1.143	0.990	0.884	0.942	1.228	1.587	1.353	1959
1960	1.485	1.389	1.338	1.820	1.810	1.409	1.138	0.995	0.938	0.984	1.094	1.087	1.295	1960
1961	1.214	1.281	1.550	1.804	1.704	1.476	1.274	1.115	1.055	0.995	0.978	1.044	1.283	1961
1962	1.207	1.218	1.202	1.734	1.744	1.326	1.081	1.084	1.028	1.128	1.248	1.309	1.274	1962
1963	1.252	1.381	1.294	1.929	1.861	1.428	1.103	1.009	1.013	0.940	1.092	1.285	1.287	1963
1964	1.342	1.488	1.326	1.835	1.831	1.288	1.035	0.917	0.903	0.884	0.878	1.068	1.173	1964
1965	1.239	1.268	1.140	1.211	1.298	1.107	0.958	0.825	1.002	1.183	1.282	1.448	1.188	1965
1966	1.580	1.387	1.571	1.724	1.853	1.484	1.118	0.824	0.832	0.850	0.823	1.128	1.258	1966
1967	1.184	1.318	1.388	1.884	1.707	1.530	1.283	1.114	1.088	1.127	1.248	1.389	1.319	1967
1968	1.520	1.430	1.485	1.859	1.887	1.435	1.283	1.073	1.008	0.978	1.057	1.459	1.355	1968
1969	1.624	1.546	1.452	1.987	2.141	1.788	1.350	1.174	1.103	1.059	1.278	1.407	1.488	1969
1970	1.544	1.557	1.520	1.902	2.041	1.486	1.088	0.852	0.810	0.980	1.134	1.308	1.349	1970
1971	1.413	1.503	1.852	1.856	2.194	1.728	1.201	0.972	1.109	1.073	0.973	1.284	1.411	1971
1972	1.404	1.387	1.401	1.851	2.249	1.882	1.653	1.511	1.288	1.108	1.326	1.610	1.583	1972
1973	1.726	1.610	1.948	2.152	1.985	1.919	1.779	1.447	1.289	1.283	1.345	1.458	1.689	1973
1974	1.783	1.745	1.760	1.992	2.119	1.788	1.470	1.298	1.200	1.188	1.231	1.471	1.584	1974
1975	1.443	1.383	1.477	1.798	1.895	1.488	1.142	1.009	1.042	1.318	1.554	1.585	1.438	1975
1976	1.512	1.748	2.048	2.283	2.076	1.765	1.481	1.548	1.186	1.584	1.822	1.677	1.726	1976
1977	---	---	---	2.157	1.877	1.380	1.115	1.045	1.146	1.761	1.854	1.832	---	1977
1978	1.758	1.625	1.448	2.127	2.125	1.715	1.372	1.136	1.006	1.007	1.021	0.987	1.440	1978
1979	1.388	1.491	1.825	2.094	1.857	1.535	1.159	1.041	1.179	1.220	1.311	1.444	1.481	1979
1980	1.402	1.193	1.156	1.613	1.556	1.241	1.048	1.044	1.089	1.131	1.186	1.383	1.252	1980
1981	1.443	1.606	1.829	1.764	1.569	1.378	1.139	1.184	1.283	1.571	1.777	1.554	1.601	1981
1982	1.515	1.431	1.481	1.998	1.946	1.498	1.239	1.058	0.995	1.041	1.092	1.203	1.374	1982
1983	1.245	1.378	1.488	1.826	2.278	1.874	1.413	1.231	1.150	1.100	1.277	1.825	1.518	1983
1984	1.803	1.638	1.881	1.880	1.982	---	---	---	---	---	---	---	---	1984
1985	---	---	---	---	---	---	---	---	---	---	---	1.389	1.400	---	1985
MOYEN	1.447	1.443	1.495	1.853	1.837	1.536	1.257	1.098	1.048	1.082	1.175	1.318	1.373	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 25 000 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1969)

LOCATION - LAT 45 23 42
LONG 73 15 22

DEBIT NATUREL

RICHELIEU (RIVIERE) EN AVAL DU BARRAGE FRYERS - STATION NO 02DJ013

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1939	---	2.310 LE 30 AVR	0.810 LE 17 OCT	1939
1940	---			1940
1941	---	2.124 LE 6 MAI	0.885 LE 18 OCT	1941
1942	---	1.795 LE 17 JAN	0.718E LE 28 SEP	1942
1943	---	1.981 LE 28 AVR	0.862 LE 20 SEP	1943
1944	---	2.133 LE 21 MAR	0.875 LE 16 OCT	1944
1945	---	2.033 LE 3 MAI	0.814 LE 30 NOV	1945
1946	---	2.091 LE 5 AVR	1.030 LE 17 SEP	1946
1947	---	1.917 LE 2 AVR	0.893 LE 30 SEP	1947
1948	---	2.283 LE 6 JUN	0.885 LE 31 OCT	1948
1949	---	1.981 LE 8 AVR	0.841E LE 3 OCT	1949
1950	---	1.832 LE 25 JAN	0.753 LE 14 AOU	1950
1951	---	1.957 LE 8 MAI	0.832 LE 3 NOV	1951
1952	---	2.138 LE 19 AVR	0.880 LE 12 OCT	1952
1953	---	2.085 LE 22 AVR	0.829 LE 17 NOV	1953
1954	---	2.039 LE 22 MAI	0.679 LE 25 OCT	1954
1955	---	2.118 LE 29 AVR	1.030 LE 26 AOU	1955
1956	---	2.222 LE 17 AVR	0.878 LE 8 AOU	1956
1957	---	2.017 LE 12 MAI	0.719 LE 18 NOV	1957
1958	---	1.582 LE 25 AVR	0.795 LE 3 NOV	1958
1959	---	2.149 LE 29 AVR	0.963 LE 17 SEP	1959
1960	---	2.045 LE 29 AVR	0.759 LE 2 OCT	1960
1961	---	2.091 LE 1 MAI	0.802E LE 2 SEP	1961
1962	---	1.886E LE 12 MAR	0.890 LE 22 OCT	1962
1963	---	1.930 LE 2 MAI	0.823 LE 26 SEP	1963
1964	---	2.116 LE 30 AVR	0.801E LE 8 NOV	1964
1965	---	1.782 LE 4 FEV	0.795 LE 1 DEC	1965
1966	---	1.591E LE 28 DEC	0.871 LE 11 AOU	1966
1967	---	1.986E LE 18 JAN	0.888 LE 17 SEP	1967
1968	---	1.813 LE 22 AVR	1.021 LE 25 SEP	1968
1969	---	1.999 LE 5 AVR	0.832 LE 13 NOV	1969
1970	---	2.274 LE 1 MAI	0.884 LE 22 OCT	1970
1971	---	2.258 LE 1 MAI	0.734 LE 14 SEP	1971
1972	---	3.301 LE 16 MAI	0.508 LE 24 NOV	1972
1973	---	2.575E LE 12 MAI *	0.314 LE 7 OCT *	1973
1974	---	2.281 LE 6 AVR	1.076 LE 16 NOV	1974
1975	---	2.282 LE 10 MAI	0.989 LE 22 NOV	1975
1976	---	2.024 LE 29 AVR	0.869 LE 6 AOU	1976
1977	---	2.472 LE 6 AVR	1.385 LE 20 DEC	1977
1978	---	2.293 LE 3 AVR	0.887 LE 11 AOU	1978
1979	---	2.307 LE 29 AVR	0.855E LE 14 OCT	1979
1980	---	2.316 LE 5 AVR	0.990 LE 13 AOU	1980
1981	---	1.710 LE 18 AVR	0.940 LE 15 AOU	1981
1982	---	2.130 LE 14 AVR	1.009 LE 7 AOU	1982
1983	---	2.249 LE 26 AVR	0.930E LE 15 SEP	1983
1984	---	2.418 LE 10 MAI	0.992E LE 8 OCT	1984
1985	---	---	---	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 25.000 m POUR OBTENIR LES COTES SERVICE GEODESIQUE DU CANADA (AJUST. LOCAL 1988)

E - ESTIMATIVE * - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

ROBERTSON (LAC) - STATION NO. 04MA005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1970	---	---	---	---	---	---	29.87	---	29.85	29.70	29.76	---	---	1970
1971	---	---	---	---	30.78	---	30.12	30.20	30.25	30.37	30.47	---	---	1971
1972	---	---	---	---	30.80	30.24	30.09	30.05	30.22	30.32	---	---	---	1972
MOYEN	---	---	---	---	30.93	30.24	29.93	30.13	30.01	30.13	30.11	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 39 38
LONG 78 40 46 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

ROND (LAC) - STATION NO. 02RG016

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1976	---	---	---	---	---	---	---	---	---	---	---	152.25R	---	1976
1977	152.25R	152.23R	152.23R	152.38R	152.40R	152.27R	152.20R	152.20R	152.15R	152.15R	152.12R	152.13R	152.23R	1977
1978	152.15R	152.27R	152.12R	152.21R	152.40R	152.24R	152.18R	152.14R	152.08R	152.08R	152.07R	152.11R	152.17R	1978
1979	152.17R	152.18R	152.28R	152.46R	152.48R	---	152.23R	---	---	---	152.07R	152.08R	---	1979
1980	152.10R	152.08R	152.08R	152.20R	152.17R	152.02R	151.98R	---	152.01R	152.08R	152.11R	152.18R	---	1980
1981	152.18R	152.24R	152.38R	152.41R	152.42R	152.33R	152.34R	152.26R	152.16R	152.14R	152.18R	152.20R	152.27R	1981
1982	152.21R	152.20R	152.17R	152.29R	152.43R	152.29R	152.20R	152.13R	152.10R	152.08R	152.18R	152.22R	152.21R	1982
1983	152.30R	152.33R	152.37R	152.59R	---	152.44R	152.26R	152.18R	152.14R	152.14R	152.14R	152.19R	---	1983
1984	152.17R	152.14R	152.15R	152.39R	152.30R	152.21R	152.19R	152.15R	152.07R	152.03R	152.03R	152.07R	152.15R	1984
1985	---	152.06	152.06	152.15	---	---	---	---	---	---	---	---	---	1985
MOYEN	152.19R	152.19R	152.20R	152.33R	152.37R	152.28R	152.20R	152.15R	152.10R	152.10R	152.11R	152.16R	152.21R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 21 57
LONG 71 34 38 BASSIN VERSANT, 0.26 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

ROND (LAC) - STATION NO. 02RG016

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1976	---	---	---	1976
1977	---	152.49R LE 25 AVR	152.10R LE 21 NOV	1977
1978	---	155.18R LE 12 FEV *	152.04R LE 28 SEP	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	152.46R LE 19 AVR	152.11R LE 8 OCT	1981
1982	---	152.46R LE 5 MAI	152.05R LE 3 NOV	1982
1983	---	---	---	1983
1984	---	152.38R LE 24 AVR	152.00R LE 31 OCT *	1984
1985	---	---	---	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

ROUGE (RIVIERE) EN AVAL DE LA RIVIERE BEVIN - STATION NO. 02LC028

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	---	---	---	---	---	---	---	---	27.16	27.30	---	28.04	---	1966
1967	27.84	27.65	27.54	28.81	28.73	28.23	28.01	27.40	27.62	---	28.64	28.00	---	1967
1968	27.84	27.90	27.91	---	27.98	27.62	27.52	27.25	27.33	27.38	27.30	27.37	---	1968
1969	27.45	27.54	27.44	---	28.15	27.99	27.49	27.51	27.37	27.34	27.81	27.81	---	1969
1970	---	27.70	27.85	28.41	---	28.03	---	27.45	27.38	---	27.87	27.85	---	1970
1971	---	---	27.78	28.31	28.57	---	---	27.28	---	---	---	27.48	---	1971
1972	---	---	27.85	28.09	---	---	---	---	---	---	---	---	---	1972
MOYEN	27.58	27.70	27.67	28.43	28.85	27.97	27.67	27.38	27.37	27.33	27.81	27.73	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 58 12
LONG 74 38 05 REGULARISE

DONNEES FOURNIES PAR :
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SABLES (LAC AUX) - STATION NO. 02PA009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1971	---	---	---	---	---	---	---	---	---	28.66	28.55	28.53	---	1971
1972	28.51	28.48	28.59	28.73	28.20	28.78	28.66	28.59	28.51	28.60	28.73	28.58	28.66	1972
1973	28.50	28.54	28.59	28.82	28.86	28.80	28.46	28.47	28.58	28.55	28.45	28.56	28.60	1973
1974	28.48	28.43	28.43	28.67	28.99	28.66	28.51	28.43	28.38	28.45	---	---	---	1974
1975	28.47	28.42	28.44	28.65	28.83	28.62	28.48	28.37	28.29	28.35	28.48	28.47	28.48	1975
1976	28.38	28.42	28.40	28.90	28.78	28.48	28.55	28.64	28.47	28.54	28.53	28.46	28.55	1976
1977	28.42	28.38	28.45	28.78	28.62	28.42	28.42	28.38	28.39	28.51	28.52	28.49	28.48	1977
1978	28.55	28.49	28.40	28.81	28.78	28.43	28.39	28.38	28.34	28.34	28.37	28.42	28.46	1978
1979	28.46	28.41	28.54	28.82	28.81	28.40	28.34	28.34	28.66	28.48	28.47	28.53	28.50	1979
1980	28.44	28.37	28.37	28.74	28.91	28.44	---	---	28.43	28.58	28.52	28.45	---	1980
1981	28.39	28.64	28.61	28.81	28.85	28.68	28.56	28.45	28.41	28.38	28.49	28.42	28.53	1981
1982	28.39	28.37	28.36	28.68	28.87	28.43	---	---	---	---	---	---	---	1982
MOYEN	28.45	28.44	28.47	28.75	28.78	28.54	28.48	28.45	28.45	28.49	28.52	28.49	28.53	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 52 05
LONG 72 23 20

BASSIN VERSANT 59.0 km²
DEBIT NATUREL

DONNEES FOURNIES PAR :
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SABLES (LAC AUX) - STATION NO. 02PA009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1971	---	---	---	1971
1972	---	29.46 LE 9 MAI *	28.41 LE 25 SEP	1972
1973	---	29.15 LE 30 AVR	28.40 LE 5 AOU	1973
1974	---	---	---	1974
1975	---	29.06 LE 5 MAI	28.27 LE 11 SEP *	1975
1976	---	29.14 LE 24 AVR	28.36 LE 26 JAN	1976
1977	---	29.07 LE 24 AVR	28.35 LE 10 SEP	1977
1978	---	29.03 LE 30 AVR	28.30 LE 29 SEP	1978
1979	---	28.94 LE 30 AVR	28.32 LE 15 JUL	1979
1980	---	---	---	1980
1981	---	29.07 LE 7 AVR	28.34 LE 15 OCT	1981
1982	---	29.06 LE 29 AVR	28.34 LE 28 FEV	1982

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SABLES (LAC DES) AU BARRAGE DES SABLES - STATION NO. 02LC016

NIVEAUX MOYENS MENSUELS ET ANNUELS EN MÈTRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1984	376.96	376.95	376.77	376.40	376.80	376.88	376.78	376.67	376.97	376.82	376.62	376.18	376.65	1984
1985	376.88	376.44	376.10	376.53	377.09	377.12	377.01	377.04	377.10	377.13	377.12	377.12	376.87	1985
1986	377.11	377.10	376.74	376.34	376.78	377.10	377.00	376.98	376.95	376.85	376.43	376.13	376.77	1986
1987	376.85	376.80	376.55	376.24	376.73	376.86	376.84	376.84	376.83	376.84	376.83	376.83	376.67	1987
1988	376.81	376.89	376.14	376.80	376.84	376.84	376.83	376.73	376.72	376.74	376.80	376.68	376.70	1988
1989	376.89	---	376.84	376.27	376.56	376.78	376.83	376.82	376.87	376.72	376.85	376.80	---	1989
1970	376.82	376.81	376.49	376.18	376.81	376.80	376.80	376.71	376.61	376.75	376.26	375.97	376.58	1970
1971	376.13	376.11	376.04	376.08	376.63	376.74	376.71	376.73	376.79	376.83	376.61	376.85	376.54	1971
1972	376.76	376.87	376.84	376.40	376.75	376.76	376.83	376.77	376.73	376.83	376.78	376.78	376.73	1972
1973	376.86	376.48	376.41	376.46	376.75	376.76	376.80	376.75	376.79	376.82	376.82	376.75	376.66	1973
1974	376.81	376.72	376.57	376.30	376.83	376.99	376.80	376.74	376.73	376.80	376.78	376.78	376.72	1974
1975	376.80	376.79	376.44	376.01	376.85	376.86	376.85	376.80	376.80	376.89	376.84	376.80	376.73	1975
1976	376.86	376.84	376.16	376.57	376.85	376.86	376.84	376.82	376.82	376.84	376.82	376.81	376.72	1976
1977	376.79	376.78	376.37	376.40	376.71	376.87	376.84	376.83	---	376.84	376.84	---	---	1977
1978	376.80	376.87	---	376.07	376.69	376.82	376.78	376.84	376.85	376.84	376.86	376.84	---	1978
1979	376.81	376.70	376.46	376.38	376.79	376.87	376.87	376.83	376.88	376.88	376.89	376.82	376.77	1979
1980	376.78	376.86	376.45	376.81	376.82	376.85	376.85	376.81	376.79	376.83	376.80	376.73	376.76	1980
1981	376.85	376.78	---	---	---	376.91	376.78	376.77	376.84	376.85	376.89	376.55	---	1981
1982	---	376.51	376.39	376.32	376.61	376.83	376.83	376.78	---	376.83	376.82	376.80	---	1982
1983	376.78	376.73	376.48	376.51	376.85	376.80	376.83	376.84	376.80	376.85	376.84	376.75	376.75	1983
1984	376.70	376.89	376.39	376.48	376.86	376.86	376.88	376.89	376.87	376.85R	376.83R	376.74R	376.75R	1984
1985	376.84	376.58	376.46	376.37	376.83	376.87	376.89	376.85	376.84	---	---	---	---	1985
MOYEN	376.87	376.62	376.34	376.38	376.78	376.86	376.84	376.81	376.77	376.77R	376.73R	376.68P	376.69P	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 03 09
LONG 74 18 33

BASSIN VERSANT, 39 6 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

SABLES (LAC DES) AU BARRAGE DES SABLES - STATION NO. 02LC016

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1984	---	376.97 LE 25 JAN	376.55 LE 8 NOV	1984
1985	---	377.18 LE 9 OCT	376.88 LE 24 MAR	1985
1986	---	377.18 LE 2 JAN	376.96 LE 31 DEC	1986
1987	---	377.12 LE 4 JUL	376.52 LE 26 MAR *	1987
1988	---	376.88 LE 30 AVR	376.84 LE 20 MAR	1988
1989	---	---	---	1989
1970	---	377.20 LE 2 MAI *	376.91 LE 5 DEC	1970
1971	---	376.91 LE 16 DEC	376.94 LE 4 AVR	1971
1972	---	377.05 LE 23 JUN	376.32 LE 13 AVR	1972
1973	---	376.83 LE 1 JUL	376.18 LE 12 AVR	1973
1974	---	377.13 LE 17 JUN	376.98 LE 13 AVR	1974
1975	---	376.84 LE 7 JUN	376.78 LE 14 AVR	1975
1976	---	376.87 LE 19 AVR	376.86 LE 24 MAR	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	377.01 LE 28 NOV	376.18 LE 18 MAR	1979
1980	---	376.88 LE 28 OCT	376.15 LE 29 MAR	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	376.88 LE 4 MAI	376.22 LE 5 AVR	1984
1985	---	376.96 LE 15 AOU	376.10 LE 3 AVR	1985
		376.96 LE 17 JUL	376.11 LE 14 AVR	

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SABLES (RIVIERE AUX) AU RESERVOIR KENOGAMI - STATION NO. 02RM014

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1987	182.78	180.85	158.08	155.71	180.31	183.83	183.88	183.58	182.87	34.34	34.89	33.78	129.30	1987
1974	---	---	---	---	---	---	---	---	---	34.59	34.90	34.33	---	1974
1975	33.82	31.15	29.20	27.06	31.39	34.74	34.73	34.08	33.91	34.71	34.87	34.78	32.81	1975
1976	33.82	32.16	29.83	28.26	33.10	34.74	34.61	34.87	34.28	33.78	33.70	33.12	33.11	1976
1977	31.85	30.24	28.41	28.22	32.67	34.86	34.62	34.81	34.67	34.84	34.73	34.29	32.88	1977
1978	33.08	31.45	29.12	26.52	31.17	34.88	34.79	34.47	34.12	34.54	34.77	34.34	32.78	1978
1979	33.30	31.56	29.64	29.43	---	34.82	34.39	33.49	---	33.39	34.10	34.58	---	1979
1980	33.58	31.77	28.13	28.71	33.18	34.13	34.80	34.78	34.62	34.88	34.87	34.31	33.25	1980
1981	33.18	31.88	32.92	33.74	34.73	34.81	34.80	33.82	32.29	33.03	34.72	34.36	33.68	1981
1982	33.31	31.86	28.15	---	32.53	34.81	34.67	33.71	33.80	33.65	34.77	34.81	---	1982
1983	34.84	33.14	30.69	28.82	34.15	34.86	34.69	34.15	32.97	32.63	32.89	33.31	33.07	1983
1984	32.41	30.83	28.46	28.85	33.84	---	34.67	34.75	33.81	32.68R	32.62R	32.75R	---	1984
1985	33.24	31.85	29.28	27.10	32.87	34.83	34.98	34.83	33.89	---	---	---	---	1985
MOYEN	44.00	42.36	40.41	40.28	44.54	46.80	46.45	45.03	45.55	33.93R	34.32R	34.18R	45.11	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 128.113 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 48 21 37
LONG 71 18 39

BASSIN VERSANT, 3 380 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

SABLES (RIVIERE AUX) AU RESERVOIR KENOGAMI - STATION NO 02RH014

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1967	---	184.07 LE 10 JUN *	33.31 LE 31 DEC	1967
1974	---	---	---	1974
1975	---	35.09 LE 28 JUN	26.53 LE 21 AVR	1975
1976	---	35.03 LE 17 AOU	26.44 LE 18 AVR	1976
1977	---	35.07 LE 27 OCT	27.26 LE 18 AVR	1977
1978	---	35.08 LE 26 JUN	25.91 LE 25 AVR *	1978
1979	---	---	---	1979
1980	---	35.17 LE 18 AOU	27.25 LE 10 AVR	1980
1981	---	35.07 LE 25 JUN	31.53 LE 20 FEV	1981
1982	---	---	---	1982
1983	---	35.10 LE 19 JUN	27.89 LE 15 AVR	1983
1984	---	---	---	1984
1985	---	35.26 LE 27 JUL	26.40 LE 18 AVR	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 129.113 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SACACOMIE (LAC) - STATION NO 020C009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	---	---	---	---	---	---	---	---	---	---	---	29.37	---	1965
1966	29.35	29.35	29.36	29.43	29.88	29.88	29.72	29.52	29.36	29.27	29.40	29.57	29.58	1966
1967	29.55	29.54	29.47	29.39	29.80	29.84	29.82	29.60	29.41	29.50	29.59	29.40	29.58	1967
1968	29.32	29.31	29.29	29.69	29.83	29.71	29.57	29.31	29.15	29.05	28.97	---	---	1968
1969	---	---	---	---	---	---	28.57	28.41	---	---	---	28.19	---	1969
1970	28.15	28.13	28.16	28.18	---	---	---	28.44	28.20	28.04	28.03	28.09	---	1970
1971	28.00	27.98	28.03	28.05	28.72	28.78	28.57	28.37	28.25	28.15	27.56	---	---	1971
1972	27.85	27.82	27.82	27.85	28.58	---	---	28.72	28.54	---	---	28.35	---	1972
1973	---	---	---	---	---	28.76	28.61	28.43	28.32	28.15	28.07	28.16	---	1973
1974	28.17	28.14	28.15	28.26	28.79	---	28.72	28.48	28.18	28.04	28.02	---	---	1974
1975	---	---	---	---	---	---	---	28.27	---	27.98	---	---	---	1975
1976	---	---	---	28.44	---	---	---	28.58	---	---	---	27.83	---	1976
1977	---	27.74	27.85	---	28.67	28.55	---	28.28	---	---	---	---	---	1977
1978	---	---	28.01	28.10	28.73	28.72	28.60	28.26	27.93	27.87	27.76	27.70	---	1978
1979	27.70	27.67	27.68	28.09	---	28.83	28.62	28.34	28.27	28.25	28.17	28.24	---	1979
1980	28.19	28.05	27.93	28.46	28.85	28.87	28.41	28.26	28.05	28.01	27.98	27.93	28.23	1980
1981	27.87	28.00	28.09	28.49	28.75	28.86	28.70	28.56	28.39	28.21	28.19	28.06	28.35	1981
1982	28.00	27.92	27.88	28.03	28.41	28.36	28.32	28.14	28.07	27.97	27.93	27.94	28.08	1982
1983	27.93	27.95	27.94	28.28	---	28.60	28.26	27.90	27.68	27.63	27.73	27.82	---	1983
1984	27.73	27.70	27.73	28.00	28.38	28.28	28.25	28.21	28.05	27.80R	27.68R	27.68R	27.96R	1984
1985	27.68	27.65	27.65	27.83	28.44	28.42	28.32	28.17	28.11	---	---	---	---	1985
MOYEN	28.25	28.20	28.19	28.41	28.89	28.87	28.74	28.61	28.37	28.26R	28.25R	28.29R	28.62R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 243.840 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 48 30 46 BASSIN VERSANT 52.8 km²
LONG 73 12 46 REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

SACACOMIE (LAC) - STATION NO 020C009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	---	---	1965
1966	---	29.93 LE 12 JUN *	29.21 LE 1 NOV	1966
1967	---	29.93 LE 22 MAI	29.33 LE 13 AVR	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	28.94 LE 2 MAI	27.90 LE 28 DEC	1980
1981	---	28.89 LE 27 JUN	27.85 LE 29 JAN	1981
1982	---	28.47 LE 11 MAI	27.87 LE 27 FEV	1982
1983	---	---	---	1983
1984	---	28.48 LE 10 MAI	27.68R LE 27 NOV	1984
1985	---	28.49 LE 18 MAI	27.63 LE 26 MAR *	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 243.840 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

SAGUENAY (RIVIERE) A LA CENTRALE D'ISLE MALIGNE - STATION NO. 02RH001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1913	---	---	---	---	---	99.55	99.08	98.42	98.30	98.54	98.72	97.80	---	1913
1914	98.75	98.08	95.75	95.60	97.91	99.58	98.00	96.74	96.38	96.29	96.33	96.41	96.82	1914
1915	96.14	95.85	95.58	95.95	100.08	98.99	98.34	97.00	96.58	97.51	97.81	96.99	97.25	1915
1916	96.35	96.06	95.78	96.40	100.24	99.18	97.68	96.54	96.39	97.78	97.90	97.14	97.29	1916
1917	96.48	96.02	95.70	95.98	98.83	100.76	99.54	98.27	98.09	97.72	98.35	97.12	97.75	1917
1918	96.37	95.98	95.70	95.98	98.77	100.17	99.31	98.46	98.71	98.51	98.49	97.42	97.92	1918
1919	96.83	96.19	95.85	96.49	100.26	99.69	97.53	97.24	97.22	98.57	98.02	97.05	97.59	1919
1920	96.37	95.88	95.80	96.50	99.80	100.11	98.08	97.57	97.07	96.84	---	---	---	1920
1921	---	95.70	95.53	96.82	100.42	98.43	97.22	96.81	97.30	98.65	98.20	97.12	---	1921
1922	96.34	95.85	95.80	96.55	---	99.17	98.23	97.80	97.81	97.69	97.38	---	---	1922
1923	95.90	95.52	95.24	95.15	---	98.87	97.25	95.94	98.32	97.57	96.81	96.46	---	1923
1924	96.15	95.81	95.53	95.65	99.28	100.71	99.30	98.77	98.74	98.46	97.40	97.64	97.79	1924
1925	---	---	---	---	99.63	99.51	---	98.39	97.28	96.88	---	96.25	---	1925
1926	95.82	95.59	95.32	95.12	97.43	100.48	101.01	100.89	100.84	100.82	100.84	100.64	98.76	1926
1927	100.64	99.82	98.68	98.06	98.51	99.57	99.79	99.72	100.10	101.06	101.36	101.49	100.03	1927
1928	101.35	100.58	99.35	98.34	100.66	101.82	101.49	101.49	101.51	101.47	101.45	101.24	100.91	1928
1929	100.59	99.62	98.41	97.12	99.21	101.47	101.44	101.47	101.45	101.47	101.45	101.18	100.41	1929
1930	100.68	99.76	98.47	97.37	99.85	101.07	100.89	101.21	101.16	100.87	101.25	101.47	100.35	1930
1931	101.19	100.33	99.66	98.34	99.99	101.18	101.23	101.35	101.42	101.48	101.48	101.51	100.77	1931
1932	101.51	101.29	100.27	98.66	99.13	101.25	101.49	101.50	101.37	101.48	101.36	101.38	100.89	1932
1933	101.26	100.94	100.28	98.16	99.84	100.93	101.20	101.13	100.71	100.61	100.72	100.19	100.50	1933
1934	99.53	98.50	97.39	96.84	99.69	101.37	101.41	101.46	101.37	101.44	101.50	101.46	100.19	1934
1935	101.37	100.83	99.73	98.52	99.85	101.26	101.43	101.43	101.46	101.47	101.50	101.24	100.**	1935
1936	100.60	99.51	98.53	99.07	100.65	101.37	101.41	101.38	101.02	101.41	101.49	101.18	100.64	1936
1937	100.73	99.68	98.31	97.17	100.80	101.38	101.26	101.18	101.49	101.48	101.47	101.42	100.54	1937
1938	101.00	100.42	99.36	98.88	100.63	101.42	101.41	101.47	101.43	101.40	101.52	101.45	100.87	1938
1939	101.01	99.89	98.61	97.25	99.40	101.31	101.38	101.51	101.38	101.46	101.51	101.42	100.52	1939
1940	101.12	99.84	98.22	97.08	99.84	101.38	101.46	101.41	101.41	101.08	101.17	101.02	100.41	1940
1941	100.59	99.77	98.24	97.66	100.74	101.25	101.02	101.01	101.21	101.52	101.56	101.60	100.52	1941
1942	101.32	100.86	99.56	97.99	101.22	101.48	100.98	100.64	100.10	101.52	101.67	101.18	100.71	1942
1943	101.30	100.61	99.34	97.69	99.17	101.51	101.28	100.62	100.80	99.92	100.61	101.10	100.35	1943
1944	101.56	101.35	99.76	97.46	99.67	101.53	101.27	101.10	100.82	101.18	101.27	101.12	100.68	1944
1945	101.19	100.87	100.32	99.67	101.33	101.45	101.50	101.14	101.41	101.47	101.49	101.25	101.10	1945
1946	101.33	101.07	99.56	98.18	100.37	101.43	101.51	101.04	100.53	101.16	101.53	101.19	100.74	1946
1947	101.37	101.39	100.30	98.03	99.23	101.73	101.33	101.06	101.17	101.32	101.01	100.93	100.74	1947
1948	101.50	101.55	100.66	98.78	100.50	101.30	100.58	100.53	100.1.	99.96	100.73	101.53	100.84	1948
1949	101.87	101.52	100.46	98.67	100.46	101.54	101.39	101.29	101.21	100.85	101.05	101.14	100.95	1949
1950	101.82	101.45	99.91	98.23	100.39	101.58	101.55	101.24	100.30	100.07	100.49	101.02	100.65	1950
1951	100.90	100.84	100.46	100.07	101.51	101.03	100.43	100.18	99.73	100.32	101.04	101.31	100.66	1951
1952	100.80	100.47	99.89	98.53	100.40	101.52	100.93	101.12	101.01	101.20	100.43	99.97	100.52	1952
1953	100.23	99.55	98.60	100.08	101.37	101.53	101.41	100.40	99.79	100.41	100.33	100.93	100.39	1953
1954	100.74	100.11	99.76	98.00	100.78	101.48	100.94	100.52	100.13	100.49	100.68	101.09	100.32	1954
1955	100.68	99.99	99.83	98.10	100.88	101.37	100.71	100.09	99.29	99.83	100.75	100.53	100.09	1955
1956	99.71	99.84	97.80	97.40	97.99	101.00	101.60	101.49	101.57	101.55	101.22	100.47	100.06	1956
1957	99.58	99.50	97.75	97.52	99.96	101.54	101.46	101.52	101.51	101.47	101.54	101.50	100.33	1957
1958	101.33	100.32	99.22	98.80	100.91	101.19	101.34	101.10	101.11	101.16	101.17	100.82	100.69	1958
1959	100.39	99.82	99.08	98.15	100.13	101.34	101.12	100.96	100.69	100.44	101.13	100.92	100.34	1959
1960	99.94	99.03	97.97	97.56	100.36	101.20	101.13	101.30	101.27	101.10	101.26	100.92	100.26	1960
1961	100.31	99.14	98.11	97.78	99.97	101.27	101.26	101.23	101.23	101.10	100.58	100.37	100.20	1961
1962	99.95	99.50	98.50	97.68	99.45	101.16	101.01	101.23	100.79	100.57	100.46	100.16	100.04	1962
1963	99.73	99.31	98.62	97.96	99.86	101.33	101.40	101.11	100.88	100.88	100.78	100.87	100.22	1963
1964	100.51	99.70	98.52	97.87	100.77	101.48	101.37	101.42	101.20	101.37	100.88	100.96	100.51	1964
1965	100.77	99.77	98.53	97.47	99.97	100.98	100.93	101.13	101.17	101.19	100.98	100.56	100.21	1965
1967	100.83	99.61	98.28	97.51	99.74	100.38	100.55	100.57	100.42	101.24	101.30	100.88	100.04	1967
1968	100.03	99.84	97.90	98.13	100.88	100.66	100.15	100.80	101.13	100.96	101.06	100.74	100.11	1968
1969	100.31	99.55	98.38	97.67	99.52	101.43	101.20	101.02	100.94	101.20	101.51	101.47	100.38	1969
1970	101.08	100.16	98.85	97.89	100.52	101.31	101.23	101.09	101.03	100.98	101.05	101.04	100.53	1970
1971	100.49	99.73	98.64	97.66	100.06	100.90	99.87	100.48	100.78	101.28	101.26	101.11	100.19	1971
1972	100.53	99.44	98.28	97.40	99.75	101.22	101.05	100.64	100.58	101.03	101.09	100.72	100.06	1972
1973	100.07	99.50	98.52	97.89	100.98	101.38	100.98	101.21	101.23	101.30	101.44	101.32	100.49	1973
1974	100.83	100.01	98.67	97.66	99.88	101.55	101.26	101.24	100.83	101.24	101.49	101.30	100.50	1974
1975	100.86	99.75	98.50	97.68	99.65	101.38	101.38	101.27	100.95	100.94	101.15	101.05	100.39	1975
1976	100.44	99.64	98.26	98.40	101.01	101.23	100.95	101.08	101.00	101.09	100.91	100.88	100.41	1976
1977	100.48	99.52	98.45	97.79	100.34	101.48	101.42	101.41	101.33	101.07	100.86	100.31	100.32	1977
1978	99.86	99.70	97.51	97.33	99.60	101.55	101.52	101.28	100.77	101.36	101.24	100.88	100.13	1978
1979	100.27	99.34	98.53	98.24	101.21	101.49	101.43	101.38	101.38	101.42	101.43	101.35	100.63	1979
1980	100.88	99.55	98.27	97.96	100.20	100.70	101.25	101.48	---	---	---	---	---	1980
MOYEN	99.97	99.24	98.28	97.65	100.00	100.85	100.83	100.41	100.27	100.41	100.56	100.35	100.08	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT. 48 34 38
LONG. 71 38 07

BASSIN VERSANT. 73 000 km²
REGULARISE

DONNEES FOURNIES PAR :
LA COMPAGNIE ALUMINIUM DU CANADA

SAGUENAY (RIVIERE) A LA CENTRALE D'ISLE MALIGNE - STATION NO. 02RH001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1913	---	---	---	1913
1914	---	100.16 LE 4 JUN	95.52 LE 19 AVR	1914
1915	---	100.88 LE 15 MAI	95.40 LE 9 AVR	1915
1916	---	100.54 LE 10 MAI	95.85 LE 30 MAR	1916
1917	---	101.13 LE 10 JUN	95.59 LE 25 MAR	1917
1918	---	101.25 LE 26 MAI	95.55 LE 2 AVR	1918
1919	---	101.38 LE 28 MAI	95.77 LE 22 MAR	1919
1920	---	---	---	1920
1921	---	---	---	1921
1922	---	---	---	1922
1923	---	---	---	1923
1924	---	101.68 LE 2 JUN	95.46 LE 24 MAR	1924
1925	---	---	---	1925
1926	---	101.18 LE 13 AOU	95.07 LE 18 AVR *	1926
1927	---	101.56 LE 18 DEC	97.72 LE 16 AVR	1927
1928	---	103.45 LE 31 MAI *	98.21 LE 24 AVR	1928
1929	---	101.71 LE 10 JUN	96.80 LE 20 AVR	1929
1930	---	101.53 LE 15 DEC	97.20 LE 13 AVR	1930
1931	---	101.59 LE 7 DEC	97.87 LE 18 AVR	1931
1932	---	101.96 LE 11 OCT	98.42 LE 21 AVR	1932
1933	---	101.41 LE 2 JAN	97.72 LE 15 AVR	1933
1934	---	101.56 LE 19 NOV	96.58 LE 11 AVR	1934
1935	---	101.56 LE 25 NOV	98.21 LE 17 AVR	1935
1936	---	101.53 LE 21 OCT	98.21 LE 19 MAR	1936
1937	---	101.58 LE 18 MAI	98.93 LE 25 AVR	1937
1938	---	101.56 LE 11 AOU	98.57 LE 15 AVR	1938
1939	---	101.56 LE 5 SEP	97.02 LE 22 AVR	1939
1940	---	101.80 LE 31 MAI	96.83 LE 25 AVR	1940
1941	---	101.65 LE 28 NOV	97.02 LE 12 AVR	1941
1942	---	101.99 LE 6 NOV	97.48 LE 20 AVR	1942
1943	---	101.83 LE 1 JUN	97.17 LE 2 MAI	1943
1944	---	101.71 LE 2 JAN	96.74 LE 29 AVR	1944
1945	---	101.56 LE 22 OCT	98.79 LE 12 AVR	1945
1946	---	101.62 LE 2 JUL	97.81 LE 14 AVR	1946
1947	---	102.43 LE 1 JUN	97.49 LE 2 MAI	1947
1948	---	101.80 LE 24 JAN	98.37 LE 27 AVR	1948
1949	---	101.74 LE 10 JAN	98.34 LE 30 AVR	1949
1950	---	101.70 LE 16 JAN	97.97 LE 16 AVR	1950
1951	---	101.59 LE 23 MAI	99.28 LE 8 AVR	1951
1952	---	101.62 LE 2 JUN	98.21 LE 19 AVR	1952
1953	---	101.58 LE 25 MAI	98.18 LE 24 MAR	1953
1954	---	101.59 LE 8 JUN	97.80 LE 16 AVR	1954
1955	---	101.61 LE 6 JUN	97.83 LE 13 AVR	1955
1956	---	101.73 LE 2 AOU	97.20 LE 23 AVR	1956
1957	---	101.68 LE 24 JUN	97.36 LE 15 AVR	1957
1958	---	101.62 LE 3 JAN	98.13 LE 14 AVR	1958
1959	---	101.40 LE 11 JUN	97.92 LE 26 AVR	1959
1960	---	101.54 LE 20 MAI	97.37 LE 17 AVR	1960
1961	---	101.36 LE 21 AOU	97.86 LE 18 AVR	1961
1962	---	101.44 LE 11 AOU	97.59 LE 20 AVR	1962
1963	---	101.52 LE 26 JUN	97.81 LE 13 AVR	1963
1964	---	101.54 LE 28 JUN	97.81 LE 13 AVR	1964
1965	---	101.26 LE 27 SEP	97.30 LE 29 AVR	1965
1967	---	101.52 LE 21 OCT	97.53 LE 21 AVR	1967
1968	---	101.34 LE 30 AOU	97.44 LE 11 AVR	1968
1969	---	101.57 LE 23 NOV	97.65 LE 16 AVR	1969
1970	---	101.37 LE 23 JUL	97.71 LE 17 AVR	1970
1971	---	101.40 LE 16 OCT	97.41 LE 19 AVR	1971
1972	---	101.37 LE 22 JUN	97.30 LE 17 AVR	1972
1973	---	101.59 LE 31 MAI	97.47 LE 18 AVR	1973
1974	---	101.84 LE 7 JUN	97.42 LE 20 AVR	1974
1975	---	101.55 LE 16 JUN	97.59 LE 13 AVR	1975
1976	---	102.24 LE 26 MAI	97.59 LE 30 MAR	1976
1977	---	101.81 LE 10 JUN	97.40 LE 19 AVR	1977
1978	---	101.61 LE 14 JUN	97.14 LE 4 AVR	1978
1979	---	101.59 LE 31 JUL	97.81 LE 17 AVR	1979
1980	---	101.64 LE 12 AOU	97.62 LE 9 AVR	1980

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAGUENAY (RIVIERE) A LA CENTRALE DE LA CHUTE A CARON - STATION NO. 02RH017

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1983	97.17	97.25	97.24	97.23	97.20	97.18	97.23	97.23	97.23	97.21	97.24	97.21	97.22	1983
1984	97.26	97.19	97.25	97.26	97.24	97.25	97.24	97.25	97.25	97.27	97.22	97.23	97.24	1984
1985	97.25	97.26	97.26	97.26	97.26	97.25	97.24	97.24	97.25	97.25	97.21	97.22	97.25	1985
MOYEN	97.23	97.23	97.25	97.25	97.23	97.23	97.24	97.24	97.25	97.25	97.22	97.22	97.24	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 27 02 BASSIN VERSANT, 73 800 km²
LONG 71 15 15 REGULARISE

DONNEES FOURNIES PAR -
LA COMPAGNIE ALUMINIUM DU CANADA

SAGUENAY (RIVIERE) A LA CENTRALE DE LA CHUTE A CARON - STATION NO. 02RH017

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1983	---	87.31 LE 15 JUN *	85.48 LE 8 JAN	1983
1984	---	87.30 LE 16 MAI	85.45 LE 25 FEV *	1984
1985	---	87.30 LE 14 MAI	85.59 LE 30 NOV	1985

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAGUENAY (RIVIERE) A LA CENTRALE DE SHIPSHAW - STATION NO 02RH018

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	86.87	86.84	86.88	86.89	86.90	86.75	86.85	86.88	86.89	---	1977
1978	86.83	86.85	86.98	87.06	86.90	86.91	86.90	86.94	86.89	86.98	86.92	86.91	86.92	1978
1979	86.96	86.97	87.00	86.93	86.93	87.20	87.22	87.22	87.17	87.01	87.06	87.13	87.07	1979
1980	87.06	87.10	87.13	87.09	87.03	87.13	87.13	87.09	87.12	87.08	87.14	87.10	87.10	1980
1981	87.03	87.03	87.10	86.98	86.95	86.91	86.99	87.06	87.09	87.08	87.12	87.16	87.04	1981
1982	87.12	86.98	87.09	87.12	86.91	87.01	87.06	87.05	87.05	87.09	87.12	87.10	87.06	1982
1983	87.07	87.12	87.11	87.01	86.83	86.92	87.11	87.12	87.17	87.10	87.14	87.13	87.08	1983
1984	87.15	87.10	87.14	87.08	86.95	87.08	87.07	87.14	87.11	87.12	87.10	87.12	87.10	1984
1985	87.11	87.10	87.10	87.11	86.97	87.01	87.04	87.11	87.13	87.14	87.09	87.12	87.09	1985
MOYEN	87.04	87.03	87.08	87.03	86.94	87.01	87.06	87.07	87.05	87.05	87.06	87.07	87.05	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 26 25 BASSIN VERSANT, 73 800 km²
LONG 71 12 56 REGULARISE

DONNEES FOURNIES PAR -
LA COMPAGNIE ALUMINIUM DU CANADA

SAGUENAY (RIVIERE) A LA CENTRALE DE SHIPSHAW - STATION NO 02RH019

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	87.18 LE 13 AVR	86.30 LE 9 DEC	1979
1980	---	87.33 LE 22 JUL *	86.52 LE 6 JAN	1980
1981	---	87.24 LE 2 AVR		1981
1982	---	87.31 LE 25 DEC	86.86 LE 29 JAN	1982
1983	---	87.23 LE 1 JAN	86.30 LE 21 FEV	1983
1984	---	87.32 LE 28 JAN	86.32 LE 20 FEV	1984
1985	---	87.22 LE 23 FEV	86.38 LE 8 JAN	1985
		87.31 LE 30 AVR	86.27 LE 26 FEV *	
			86.44 LE 30 NOV	

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAGUENAY (RIVIERE) EN AVAL DE LA CENTRALE DE SHIPSHAW - STATION NO. 02RH020

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	3.55	5.25	3.84	3.25	3.48	3.63	3.28	3.27	3.20	---	1977
1978	3.36	3.39	3.14	3.01	4.30	4.54	3.62	3.33	3.20	3.25	3.07	2.74	3.41	1978
1979	2.82	2.78	2.71	3.47	4.88	4.71	3.38	3.73	3.73	4.08	3.51	3.47	3.61	1979
1980	3.40	3.37	3.32	3.52	3.87	3.20	3.42	3.88	3.27	4.49	3.37	3.20	3.64	1980
1981	3.34	3.29	3.73	4.08	4.95	4.85	3.59	3.34	3.11	3.15	2.73	2.91	3.57	1981
1982	2.88	2.88	2.89	3.07	4.86	3.98	3.48	3.17	3.14	3.26	3.41	3.32	3.35	1982
1983	3.30	3.24	3.38	3.80	5.95	4.88	3.32	3.22	3.16	3.78	3.62	3.21	3.74	1983
1984	3.10	3.18	3.32	3.77	5.18	4.08	3.86	3.33	3.34	3.25	3.01	3.08	3.54	1984
1985	3.12	3.12	3.20	3.10	4.20	4.20	3.86	3.37	3.18	3.06	3.00	2.98	3.37	1985
MOYEN	3.18	3.16	3.22	3.50	4.80	4.23	3.54	3.43	3.31	3.51	3.22	3.12	3.52	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 26 52 BASSIN VERSANT, 73 800 km²
LONG 71 12 56 REGULARISE

DONNEES FOURNIES PAR -
LA COMPAGNIE ALUMINIUM DU CANADA

SAGUENAY (RIVIERE) EN AVAL DE LA CENTRALE DE SHIPSHAW - STATION NO. 02RH020

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1978	---	7.22 LE 15 JUN *	2.44 LE 25 DEC	1978
1979	---	5.83 LE 14 JUN	2.39 LE 5 MAR	1979
1980	---	5.34 LE 18 AOU	2.93 LE 24 JUN	1980
1981	---	5.62 LE 20 MAI	2.08 LE 30 NOV *	1981
1982	---	6.59 LE 20 MAI	2.58 LE 1 JAN	1982
1983	---	5.51 LE 9 MAI	2.75 LE 30 DEC	1983
1984	---	6.44 LE 30 MAI	2.77 LE 28 NOV	1984
1985	---	5.75 LE 27 JUL	2.78 LE 1 JAN	1985

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAGUENAY (RIVIERE) EN AVAL DE LA CHUTE A CARON - STATION NO. 02RH018

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	18.05	18.85	18.03	17.31	18.06	18.12	17.83	17.59	17.57	---	1977
1978	17.85	17.89	17.36	17.20	19.29	19.70	18.11	18.14	17.37	18.40	17.63	17.17	18.01	1978
1979	17.26	17.31	17.42	18.68	18.83	17.20	17.10	17.11	17.15	17.85	17.88	18.14	17.83	1979
1980	17.78	17.73	17.89	18.00	18.21	17.80	17.82	17.79	17.73	18.36	18.32	17.44	17.90	1980
1981	17.42	17.34	19.06	19.32	19.87	19.77	18.07	17.81	17.18	17.20	17.18	17.12	18.11	1981
1982	17.09	17.07	17.08	17.11	20.12	20.17	18.63	17.08	17.63	18.21	18.64	17.97	18.15	1982
1983	17.75	17.89	17.99	18.96	20.68	19.96	17.30	17.70	17.78	19.55	18.30	17.35	18.42	1983
1984	17.85	18.84	18.74	18.78	20.32	18.69	18.90	18.80	17.54	17.80	17.59	17.87	18.51	1984
1985	17.49	17.44	17.45	17.83	20.07	20.35	18.43	18.85	18.43	17.70	17.64	17.45	18.33	1985
MOYEN	17.58	17.64	17.87	18.19	19.72	19.15	18.20	17.88	17.85	18.03	17.84	17.56	18.13	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 27 02
LONG 71 15 15

BASSIN VERSANT, 73 800 km²
REGULARISE

DONNEES FOURNIES PAR -
LA COMPAGNIE ALUMINIUM DU CANADA

SAGUENAY (RIVIERE) EN AVAL DE LA CHUTE A CARON - STATION NO. 02RH018

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1978	---	20.07 LE 25 MAI	17.11 LE 1 JAN	1978
1979	---	20.25 LE 5 MAI	16.90 LE 3 JUL *	1979
1980	---	18.73 LE 17 NOV	16.83 LE 10 SEP	1980
1981	---	21.12 LE 20 MAI	17.11 LE 1 JAN	1981
1982	---	20.50 LE 20 MAI	17.04 LE 3 AOU	1982
1983	---	21.43 LE 2 JUN *	17.14 LE 12 JUL	1983
1984	---	20.89 LE 26 MAI	17.17 LE 13 JAN	1984
1985	---	20.46 LE 9 MAI	17.40 LE 9 MAR	1985

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-CHARLES (RIVIERE) AU BARRAGE DE CHATEAU D'EAU - STATION NO. 02PD008

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1953	1.33	1.49	2.66	3.94	1.85	---	---	---	---	---	---	---	---	1953
1954	0.87	0.88	1.21	3.75	2.82	2.13	1.44	1.38	2.15	---	---	---	---	1954
1955	---	---	---	3.74	---	---	---	---	---	0.27	---	---	---	1955
1956	---	---	0.24	1.84	2.81	1.71	1.23	0.78	---	---	---	---	---	1956
1957	---	0.63	0.90	---	1.38	2.28	2.45	---	---	1.44	---	2.45	---	1957
1958	---	---	---	3.21	---	2.05	---	---	1.89	---	---	0.85	---	1958
1959	0.86	0.60	0.46	3.58	2.11	1.32	---	---	---	---	2.45	---	---	1959
1960	0.37	---	---	---	---	---	---	---	---	---	---	---	---	1960
1961	---	---	---	2.71	3.87	---	---	---	---	---	---	0.52	---	1961
1962	0.50	0.39	---	2.93	1.74	0.98	---	---	---	0.88	---	0.18	---	1962
1963	---	---	0.31	2.34	2.84	---	---	---	---	0.94	1.89	0.89	---	1963
1964	---	0.25	0.71	---	1.90	1.33	---	---	---	---	0.85	---	---	1964
1965	---	0.74	1.07	3.05	2.38	1.08	---	---	---	1.27	2.30	---	---	1965
1966	1.31	0.96	0.87	4.30	1.02	0.42	0.30	---	---	0.34	---	0.23	---	1966
1969	---	---	---	2.54	4.18	0.80	0.80	---	0.50	0.74	1.56	---	---	1969
1970	---	---	---	2.20	2.50	0.78	0.87	---	1.13	1.63	1.59	---	---	1970
1971	---	---	---	---	3.25	---	---	---	2.08	1.67	---	---	---	1971
1972	---	---	---	---	4.45	---	---	---	---	---	---	1.38	---	1972
1973	1.82	2.39	2.39	3.76	3.38	1.27	1.83	1.83	1.84	1.78	0.87	2.11	2.11	1973
MOYEN	0.98	0.83	1.10	3.12	2.84	1.35	1.29	1.36	1.80	1.08	1.82	1.08	2.11	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 51 37
LONG 71 21 57

BASSIN VERSANT, 339 km²
REGULARISE

DONNEES FOURNIES PAR -
VILLE DE QUEBEC

SAINT-CHARLES (RIVIERE) AU BARRAGE DE CHATEAU D'EAU - STATION NO. 02PD008

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1953	---	---	---	1953
1954	---	---	---	1954
1955	---	---	---	1955
1956	---	---	---	1956
1957	---	---	---	1957
1958	---	---	---	1958
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973

PLAN DE REFRENCE - ARBITRAIRE

8.55 LE 24 AVR *

0.30 LE 20 JUL *

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-CHARLES (RIVIERE) AU RESERVOIR SAINT-CHARLES - STATION NO. 02PD007

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	2.48	2.46	2.21	1.88	2.45	2.50	2.52	2.52	2.53	2.49	2.48	2.47	2.41	1965
1966	2.49	2.50	2.25	2.02	2.41	2.45	2.50	2.49	2.50	2.49	2.48	2.44	2.42	1966
1967	2.45	2.39	2.05	1.80	2.28	2.50	2.51	2.51	2.51	2.50	2.41	2.52	2.35	1967
1968	2.51	2.48	2.29	2.18	2.42	2.49	2.50	2.50	2.48	2.48	2.48	2.51	2.44	1968
1969	2.50	2.43	2.01	1.74	2.33	2.49	2.48	2.49	2.41	2.48	2.48	2.47	2.38	1969
1970	2.51	2.51	2.23	1.76	2.28	2.48	2.22	2.29	2.48	2.51	2.42	2.47	2.35	1970
1971	2.44	2.26	1.95	1.71	2.23	2.42	2.47	2.48	2.48	2.47	2.38	2.51	2.32	1971
1972	---	---	---	1.51	2.44	---	---	---	---	---	---	---	---	1972
MOYEN	2.48	2.43	2.14	1.80	2.36	2.48	2.46	2.47	2.48	2.49	2.44	2.48	2.38	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 54 39
LONG 71 22 20

BASSIN VERSANT, 188 km²
REGULARISE

DONNEES FOURNIES PAR -
VILLE DE QUEBEC

SAINT-CHARLES (RIVIERE) AU RESERVOIR SAINT-CHARLES - STATION NO. 02PD007

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	2.58 LE 9 JAN	1.60 LE 4 AVR	1965
1966	---	2.70 LE 21 MAI	1.78 LE 7 AVR	1966
1967	---	2.71 LE 12 OCT	1.51 LE 26 AVR	1967
1968	---	3.20 LE 26 AVR *	1.83 LE 8 AVR	1968
1969	---	3.11 LE 10 MAI	1.45 LE 26 AVR	1969
1970	---	2.68 LE 3 MAI	1.40 LE 17 AVR *	1970
1971	---	2.69 LE 5 MAI	1.54 LE 2 AVR	1971
1972	---	---	---	1972

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-FRANCOIS (RIVIERE) A ASCOT - STATION NO. 02DE004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	---	---	158.36	---	1982
1983	158.43	158.24	158.33	158.90	158.88	158.33	157.72	157.72	157.74	157.99	158.33	158.88	158.27	1983
1984	158.88	158.33	---	158.91	158.43	158.38	158.46	157.85	157.80	157.80R	158.08R	158.20R	---	1984
1985	158.84	158.37	158.77	158.87	158.24	158.18	158.00	157.81	157.88	---	---	---	---	1985
MOYEN	158.84	158.26	158.55	158.88	158.52	158.30	158.06	157.79	157.81	157.90R	158.20R	158.41R	158.27	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 26 47
LONG 71 45 59

BASSIN VERSANT, 4 120 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

SAINT-FRANCOIS (RIVIERE) A ASCOT - STATION NO. 020E004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	160.31 LE 15 DEC	157.52 LE 19 AOU	1983
1984	---	---	---	1984
1985	---	160.80 LE 25 FEV *	157.50 LE 16 SEP *	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-FRANCOIS (RIVIERE) A BROMPTONVILLE - STATION NO. 020F009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1967	---	15.30	---	17.08	15.52	15.28	---	---	15.03	15.22	15.17	15.72	---	1967
1968	---	15.81	---	16.88	15.30	15.92	15.82	15.75	15.55	---	15.04	15.52	---	1968
1969	15.32	15.42	15.12	17.48	17.00	15.60	15.58	15.58	15.93	15.75	15.38	15.31	15.20	1969
1970	15.09	15.23	15.78	17.33	15.78	15.86	15.71	15.62	15.07	15.19	15.13	---	---	1970
1971	---	15.91	15.58	17.27	17.00	15.63	15.28	15.57	15.88	15.74	15.98	15.82	---	1971
1972	15.53	15.28	15.85	17.15	17.48	15.15	15.14	15.04	15.47	15.70	15.24	15.83	15.38	1972
1973	---	---	---	17.04	15.86	15.85	15.49	15.93	15.19	15.34	15.10	17.10	---	1973
1974	15.98	17.04	15.84	17.91	17.73	15.47	15.87	15.21	15.05	15.10	15.48	15.42	15.74	1974
1975	15.40	15.23	15.44	17.14	15.51	15.10	15.86	15.86	15.33	15.53	15.80	15.49	15.37	1975
1976	---	---	---	17.58	17.20	15.21	15.32	15.99	15.28	15.86	15.84	15.90	---	1976
1977	15.47	15.27	17.05	17.25	15.10	15.02	15.81	15.85	15.83	15.37	15.15	---	---	1977
1978	---	---	---	16.39	15.21	15.24	15.88	15.79	15.78	15.93R	15.98R	15.92R	---	1978
1979	---	---	15.45R	15.21R	15.11R	15.14R	15.73R	15.75R	15.91R	15.92R	15.03R	---	---	1979
1980	---	138.09	137.82	138.18	137.95	138.10	137.81	137.78	137.87	---	---	---	---	1980
MOYEN	15.47	28.84	28.97R	25.78R	25.41R	24.80R	25.32R	25.29R	24.68R	15.12R	15.22R	15.80R	15.43	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 121.920 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 28 30 BASSIN VERSANT, 8 110 km²
LONG 71 56 18 REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

SAINT-FRANCOIS (RIVIERE) A BROMPTONVILLE - STATION NO. 020F009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	18.87 LE 18 AVR	14.90 LE 17 AOU	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	19.45 LE 5 MAI	14.89 LE 25 JAN	1972
1973	---	---	---	1973
1974	---	19.96 LE 29 JAN *	14.99 LE 18 JAN	1974
1975	---	19.17 LE 20 AVR	14.77 LE 27 MAR *	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 121.920 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-FRANCOIS (RIVIERE) A DRUMMONDVILLE - STATION NO. 020F014

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	---	---	---	---	---	---	---	24.92	24.86	24.83	---	---	---	1966
1967	---	---	---	---	---	---	24.82	25.00	24.85	---	24.98	---	---	1967
1968	---	---	---	---	---	---	24.81	24.79	24.89	24.75	24.87	---	---	1968
1969	---	---	---	---	---	24.86	24.94	---	---	24.78	25.32	25.21	---	1969
1970	25.58	25.71	25.49	---	---	---	24.68	24.84	24.94	24.97	24.67	25.24	---	1970
1971	25.44	25.64	25.88	26.10	25.77	24.74	24.88	24.87	25.23	24.94	24.73	25.43	25.29	1971
1972	25.67	25.89	26.02	26.23	26.18	---	---	---	---	---	---	---	---	1972
MOYEN	25.58	25.85	25.72	26.22	25.98	24.85	24.78	24.88	24.91	24.85	24.95	25.29	25.28	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 54 53 BASSIN VERSANT, 9 630 km²
LONG 72 29 29 REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SAINT-FRANCOIS (RIVIERE) A DRUMMONDVILLE - STATION NO. 02DF014

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	27.11 LE 8 MAI *	24.61 LE 28 JUL *	1972

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-FRANCOIS (RIVIERE) A RICHMOND-1 - STATION NO. 02DF001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1915	---	---	---	21.84	---	21.35	21.40	21.42	21.39	21.33	21.38	---	---	1915
1916	22.30	22.34	22.10	23.05	21.94	22.17	---	21.56	21.37	21.52	21.47	22.29	---	1916
1917	22.22	21.88	22.19	---	22.10	22.52	---	---	---	---	21.40	21.85	---	1917
1918	21.87	21.75	22.12	23.28	21.82	21.46	21.24	21.00	21.32	21.98	22.20	21.79	21.80	1918
1919	22.62	21.98	22.78	22.62	21.86	21.27	20.95	20.87	21.08	21.48	21.93	21.73	21.77	1919
1920	21.54	21.56	22.56	23.28	21.75	21.08	21.20	---	21.26	21.45	21.50	22.17	---	1920
1921	22.90	22.65	23.13	22.00	21.36	21.20	21.14	21.18	21.14	21.29	21.56	22.27	21.81	1921
1922	22.17	22.14	22.82	22.95	21.56	22.12	21.56	21.44	21.21	21.26	21.30	21.90	21.87	1922
1923	22.04	21.82	21.92	23.76	22.45	21.55	21.31	21.20	21.21	21.41	21.88	21.90	21.85	1923
1924	22.89	22.72	22.86	---	22.20	21.28	21.28	21.45	22.08	21.35	21.53	22.17	---	1924
1925	22.06	---	22.88	22.05	21.52	21.81	21.35	21.55	21.74	22.32	22.34	22.56	---	1925
1926	22.62	22.24	22.31	23.22	22.72	21.52	21.31	21.22	21.25	21.47	21.82	22.07	21.98	1926
1927	22.23	22.12	22.79	21.81	21.80	21.63	21.24	21.16	21.19	21.43	23.16	22.43	21.82	1927
1928	---	22.65	22.72	23.51	22.52	21.80	21.27	21.34	21.41	22.12	21.82	21.99	---	1928
1929	22.88	22.28	23.28	23.17	22.62	21.61	21.49	21.35	21.28	21.43	21.83	21.99	22.05	1929
1930	23.03	22.86	23.04	23.00	22.28	21.86	21.56	21.28	21.25	21.17	21.33	21.68	22.02	1930
1931	21.81	21.83	22.13	22.41	21.77	21.66	21.34	21.35	21.50	21.36	21.58	22.15	21.74	1931
1932	22.60	22.66	22.86	23.57	21.74	21.45	21.42	21.40	21.28	21.56	21.95	22.12	22.02	1932
1933	22.33	22.20	22.43	24.43	22.71	21.33	21.27	21.28	21.18	21.29	21.69	22.24	22.03	1933
1934	22.23	23.02	22.40	24.13	21.78	21.36	21.22	21.21	21.23	21.22	21.76	22.19	21.89	1934
1935	22.95	22.51	22.86	23.17	22.17	22.05	21.31	21.22	21.25	21.38	21.46	22.00	22.01	1935
1936	22.28	22.20	24.07	22.86	22.61	21.37	21.41	21.28	21.53	21.88	21.95	22.72	22.19	1936
1937	24.09	23.88	23.61	23.81	22.63	21.58	21.46	21.40	21.26	21.64	21.64	22.00	22.39	1937
1938	22.33	22.28	22.72	22.76	21.80	21.38	21.46	21.49	21.68	21.48	21.46	22.16	21.91	1938
1939	22.00	21.81	22.24	23.62	22.82	21.80	21.37	21.54	21.35	21.77	21.73	21.95	22.00	1939
1940	22.27	22.16	22.17	23.71	22.80	21.43	21.40	21.27	21.23	21.31	21.81	22.37	21.98	1940
1941	22.65	22.43	22.18	23.09	21.41	21.31	21.39	21.30	21.22	21.32	21.55	21.98	21.81	1941
1942	22.30	22.37	22.66	23.64	22.07	22.32	21.37	21.27	21.26	21.43	21.70	22.41	22.06	1942
1943	22.45	22.45	22.77	22.88	22.74	22.31	21.58	21.58	21.42	21.46	21.78	22.22	22.14	1943
1944	22.31	22.19	22.38	23.05	22.19	21.37	21.36	21.27	21.37	21.62	21.53	21.74	21.88	1944
1945	22.44	22.24	23.48	22.55	22.53	21.62	21.53	21.29	21.85	22.22	21.75	22.55	22.15	1945
1946	22.69	22.41	23.43	22.08	22.05	21.54	21.33	21.31	21.29	21.47	21.71	22.31	21.97	1946
1947	23.01	23.21	22.96	23.14	23.33	22.43	21.56	21.40	21.40	21.30	21.26	21.81	22.23	1947
1948	21.89	21.77	22.77	22.27	22.46	21.39	21.36	21.26	21.19	21.13	21.48	21.56	21.71	1948
1949	22.33	22.67	23.00	22.50	21.67	21.35	21.27	21.21	21.21	21.28	21.41	21.99	21.80	1949
1950	22.77	22.44	22.80	23.25	21.58	21.44	21.34	21.35	21.40	21.44	21.67	22.17	21.98	1950
1951	22.33	22.67	22.45	23.61	21.66	21.38	21.34	21.27	21.31	21.30	21.67	21.97	21.91	1951
1952	22.24	21.98	21.98	23.40	21.82	22.12	21.30	21.29	21.27	21.41	21.40	21.73	21.82	1952
1953	22.55	22.86	23.15	23.33	21.87	21.38	21.43	21.25	21.26	21.30	21.30	22.00	21.90	1953
1954	22.16	22.47	22.46	23.17	22.19	22.30	21.31	21.32	21.99	22.65	21.64	22.38	22.16	1954
1955	23.20	23.11	23.40	23.90	21.89	21.47	21.21	21.26	21.18	21.19	21.39	21.82	22.08	1955
1956	22.02	21.73	21.82	23.02	22.54	21.66	21.30	21.18	21.31	21.35	21.33	21.89	21.76	1956
1957	22.26	22.11	22.39	22.01	21.72	21.33	21.41	21.28	21.33	21.34	21.57	22.55	21.78	1957
1958	22.24	22.36	22.16	23.44	21.68	21.38	21.79	21.70	21.48	21.65	21.57	22.40	21.98	1958
1959	22.69	22.68	22.59	23.83	21.80	21.85	21.48	21.38	21.32	21.55	22.29	22.40	22.13	1959
1960	22.45	22.43	22.12	24.10	21.91	21.58	21.34	21.33	21.34	21.39	21.48	21.80	21.93	1960
1961	21.98	22.05	22.46	23.02	22.56	22.02	21.62	---	21.47	21.25	21.43	21.99	---	1961
1962	22.28	22.17	22.32	23.26	21.98	21.38	21.31	21.49	21.29	21.79	22.11	---	---	1962
1963	22.63	22.48	22.63	23.80	22.28	21.25	21.27	21.87	---	---	22.10	22.35	---	1963
1964	22.29	22.00	22.20	22.86	21.68	21.39	21.31	21.22	21.24	21.19	21.50	21.98	21.72	1964
1965	22.15	22.14	22.03	21.92	21.46	21.28	21.07	21.46	21.55	22.11	21.80	21.87	21.74	1965
1966	22.32	22.30	22.87	22.58	21.84	21.46	21.31	21.40	21.40	21.43	21.44	21.91	21.85	1966
1967	22.70	22.63	22.52	22.84	22.06	21.83	21.44	21.61	21.50	21.65	21.59	22.20	22.04	1967
1968	22.45	22.28	22.91	22.48	21.84	21.48	21.44	21.34	21.28	21.25	21.46	22.17	21.85	1968
1969	22.43	22.57	22.48	23.82	23.17	21.51	21.67	21.48	21.60	21.39	22.04	21.63	22.12	1969
1970	22.31	22.37	22.24	23.68	23.33	21.44	21.24	21.20	21.80	21.49	21.58	21.87	22.00	1970
1971	22.48	22.19	22.87	23.29	23.25	21.54	21.16	21.58	21.87	21.60	21.38	22.02	22.10	1971
1972	22.97	22.63	22.98	22.95	23.42	21.80	21.93	21.77	21.20	21.36	21.67	22.27	22.27	1972
1973	23.71	23.45	23.77	22.44	22.42	22.12	21.78	21.30	21.59	21.78	21.56	22.54	22.37	1973
1974	23.30	22.72	---	---	---	---	---	---	---	---	---	---	---	1974
MOYEN	22.46	22.37	22.65	23.05	22.18	21.82	21.38	21.35	21.37	21.51	21.67	22.09	21.87	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 91.440 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 38 32
LONG 72 08 37

BASSIN VERSANT, 9 170 km²
REGULARISE

DONNEES FOURNIES PAR :
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SAINT-FRANCOIS (RIVIERE) A RICHMOND-1 - STATION NO. 020F001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1915	---	---	---	1915
1916	---	---	---	1916
1917	---	---	---	1917
1918	---	25.10 LE 3 AVR	20.84 LE 26 AOU	1918
1919	---	25.14 LE 22 MAR	20.81 LE 3 AOU	1919
1920	---	---	---	1920
1921	---	25.62 LE 10 MAR	20.87 LE 4 JUL	1921
1922	---	25.32 LE 12 AVR	21.01 LE 2 OCT	1922
1923	---	26.19 LE 12 AVR	21.01 LE 11 AOU	1923
1924	---	---	---	1924
1925	---	---	---	1925
1926	---	25.28 LE 27 AVR	21.12 LE 1 AOU	1926
1927	---	27.03 LE 5 NOV	21.03 LE 25 SEP	1927
1928	---	---	---	1928
1929	---	25.07 LE 25 MAR	21.09 LE 29 JUL	1929
1930	---	25.19 LE 9 JAN	21.05 LE 20 OCT	1930
1931	---	23.92 LE 28 MAR	21.03 LE 23 AOU	1931
1932	---	25.33 LE 11 AVR	21.05 LE 30 JUN	1932
1933	---	25.67 LE 19 AVR	21.05 LE 4 SEP	1933
1934	---	25.88 LE 5 AVR	21.06 LE 18 AOU	1934
1935	---	25.67 LE 11 JAN	21.03 LE 11 AOU	1935
1936	---	28.04 LE 19 MAR *	21.09 LE 15 AOU	1936
1937	---	25.99 LE 16 JAN	21.03 LE 3 OCT	1937
1938	---	25.29 LE 24 MAR	21.15 LE 15 JUN	1938
1939	---	26.70 LE 23 AVR	21.21 LE 10 JUL	1939
1940	---	25.75 LE 13 AVR	20.97 LE 9 SEP	1940
1941	---	24.81 LE 15 AVR	21.01 LE 28 SEP	1941
1942	---	27.22 LE 16 JUN	20.89 LE 10 AOU	1942
1943	---	28.51 LE 17 JUN	20.99 LE 10 OCT	1943
1944	---	24.32 LE 26 AVR	20.92 LE 10 SEP	1944
1945	---	25.00 LE 19 MAR	21.06 LE 27 AOU	1945
1946	---	25.84 LE 16 MAR	21.06 LE 18 AOU	1946
1947	---	25.44 LE 8 MAI	21.09 LE 2 NOV	1947
1948	---	25.85 LE 21 MAR	20.99 LE 7 JUN	1948
1949	---	25.51 LE 29 MAR	21.00 LE 24 OCT	1949
1950	---	25.12 LE 6 AVR	21.09 LE 1 OCT	1950
1951	---	25.02 LE 4 AVR	21.04 LE 23 OCT	1951
1952	---	24.41 LE 11 AVR	20.83 LE 29 SEP	1952
1953	---	25.01 LE 26 MAR	20.84 LE 28 JUN	1953
1954	---	25.82 LE 3 MAR	20.89 LE 29 AOU	1954
1955	---	25.90 LE 15 AVR	20.95 LE 18 SEP	1955
1956	---	25.08 LE 30 AVR	20.83 LE 19 AOU	1956
1957	---	25.44 LE 22 DEC	20.98 LE 25 AOU	1957
1958	---	25.08 LE 23 AVR	21.12 LE 6 JUL	1958
1959	---	26.30 LE 4 AVR	21.05 LE 20 SEP	1959
1960	---	25.22 LE 19 AVR	21.04 LE 4 SEP	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	25.55 LE 15 AVR	20.74 LE 18 OCT	1964
1965	---	23.25 LE 8 MAR	20.89 LE 5 JUL	1965
1966	---	24.43 LE 26 MAR	21.03 LE 7 AOU	1966
1967	---	25.26 LE 3 AVR	21.03 LE 19 JUL	1967
1968	---	25.62 LE 23 MAR	21.14 LE 15 JUL	1968
1969	---	25.76 LE 17 AVR	20.93 LE 29 JUL	1969
1970	---	25.32 LE 26 AVR	21.14 LE 11 JUL	1970
1971	---	26.11 LE 24 AVR	19.80 LE 2 DEC *	1971
1972	---	26.36 LE 5 MAI	21.10 LE 29 SEP	1972
1973	---	25.87 LE 18 MAR	21.12 LE 25 AOU	1973
1974	---	---	---	1974

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 91.440 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-FRANCOIS (RIVIERE) A SHERBROOKE - STATION NO. 020E005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV*	DEC	MOYEN	ANNEE
1915	---	---	---	---	19.70	19.19	18.18	18.08	19.04	18.12	18.32	---	---	1915
1916	---	20.27	19.82	20.98	20.29	20.62	19.79	19.62	18.30	19.40	19.47	19.98	---	1916
1917	---	---	---	21.13	20.32	20.98	18.72	18.94	19.32	19.68	19.94	---	---	1917
1918	---	---	20.24	21.36	---	19.81	19.37	18.14	19.58	20.44	---	19.90	---	1918
1919	---	19.89	20.58	21.20	20.39	19.54	18.09	18.96	---	19.71	20.25	20.08	---	1919
1920	---	19.56	---	---	20.22	---	19.52	---	---	---	---	20.18	---	1920
1921	---	19.78	21.17	20.18	19.31	19.03	18.95	18.97	---	19.13	19.45	---	---	1921
1922	---	19.56	20.30	21.14	19.57	20.25	18.62	---	19.06	19.13	19.23	---	---	1922
1923	---	19.32	---	21.30	---	---	---	---	18.88	19.14	---	---	---	1923
1924	---	---	---	20.83	20.29	19.22	---	18.38	19.96	---	---	---	---	1924
1925	---	---	---	---	19.63	18.96	18.20	19.42	19.89	20.42	---	---	---	1925
1926	20.31	---	20.09	20.82	---	---	---	19.00	18.89	19.37	19.77	19.84	---	1926
1927	19.78	19.72	---	---	---	---	---	18.78	18.80	19.11	20.85	---	---	1927
1928	---	20.09	---	---	---	19.85	18.88	---	---	---	---	---	---	1928
1929	---	19.85	20.66	---	---	20.01	19.03	---	---	---	---	---	---	1929
1930	---	20.50	20.13	---	20.43	20.08	19.81	19.10	19.14	---	19.39	19.34	---	1930
1931	19.32	19.36	---	20.80	19.78	19.46	---	---	18.28	---	---	19.82	---	1931
1932	---	20.01	---	21.35	19.72	---	19.38	19.27	19.16	---	18.80	19.71	---	1932
1933	19.51	19.59	19.60	22.16	---	19.36	19.10	---	18.95	19.12	19.58	19.59	---	1933
1934	19.85	---	20.22	22.09	19.84	19.43	19.08	18.95	18.96	---	19.87	19.73	---	1934
1935	20.14	19.70	20.03	20.78	20.47	20.55	19.29	19.01	19.08	19.19	19.44	19.53	19.76	1935
1936	---	19.63	21.79	21.07	20.95	19.19	19.29	19.08	19.47	19.94	20.02	20.24	---	1936
1937	20.34	19.87	19.74	21.13	20.83	19.56	19.32	19.30	19.04	19.40	19.80	19.73	19.82	1937
1938	19.88	20.16	20.83	20.83	19.97	---	19.41	19.35	19.84	19.37	19.36	20.03	---	1938
1939	19.72	19.79	20.04	21.08	20.98	19.86	19.24	18.50	---	19.87	19.72	19.78	---	1939
1940	19.58	19.54	19.90	21.24	20.81	19.40	19.32	19.07	19.01	19.18	19.78	20.09	19.71	1940
1941	20.18	19.76	19.59	20.67	19.29	19.16	---	19.14	18.89	19.12	19.41	---	---	1941
1942	---	19.91	20.10	21.86	20.09	20.32	19.26	19.10	19.05	19.29	19.61	---	---	1942
1943	---	---	20.33	20.72	20.84	20.33	19.84	19.83	19.33	---	---	---	---	1943
1944	19.87	19.81	19.83	20.93	---	19.16	19.15	18.99	19.18	---	---	19.38	---	1944
1945	20.00	19.76	21.11	20.80	20.74	19.88	19.58	19.10	19.54	20.23	19.76	---	---	1945
1946	---	20.52	21.23	20.15	20.10	19.40	19.06	19.07	19.04	19.45	19.70	---	---	1946
1947	20.18	---	---	21.21	21.49	20.50	---	19.32	18.23	19.08	19.08	---	---	1947
1948	---	---	20.35	20.38	20.84	---	19.14	19.03	18.95	18.84	19.38	19.26	---	1948
1949	19.83	19.44	---	20.62	19.57	19.24	19.08	18.95	---	---	19.27	19.58	---	1949
1950	---	---	20.08	20.83	---	19.37	19.18	19.18	19.24	19.34	19.80	20.06	---	1950
1951	20.10	---	20.00	21.70	19.70	19.30	19.26	---	19.17	18.19	19.54	19.78	---	1951
1952	19.81	19.82	19.57	---	19.93	20.19	---	19.22	19.12	18.31	---	19.43	---	1952
1953	19.88	---	20.36	20.62	20.04	19.35	19.36	19.09	---	19.21	19.33	20.01	---	1953
1954	---	20.13	19.80	---	20.32	20.43	19.30	19.36	20.10	20.78	19.75	---	---	1954
1955	---	---	---	21.90	19.88	19.50	19.08	19.19	---	19.12	19.41	---	---	1955
1956	19.81	19.38	19.31	---	20.88	19.80	19.25	19.14	---	19.41	19.32	---	---	1956
1957	---	20.53	20.13	20.13	19.74	19.30	19.43	---	19.23	19.26	19.82	20.80	---	1957
1958	20.06	---	19.88	21.45	19.72	19.37	19.82	---	---	---	20.25	20.13	---	1958
1959	---	20.30	20.14	21.54	19.84	19.93	19.35	19.23	19.12	19.48	20.31	---	---	1959
1960	---	19.91	---	22.04	19.80	---	19.14	---	---	---	---	---	---	1960
1961	19.47	19.69	19.87	21.05	20.68	20.06	19.40	---	---	19.06	19.31	---	---	1961
1962	---	---	---	21.05	19.97	19.24	19.24	19.26	19.09	19.86	20.14	20.17	---	1962
1963	20.91	20.23	20.28	21.73	---	19.31	19.17	18.83	18.46	---	20.25	20.13	---	1963
1964	20.09	20.00	20.28	20.81	19.86	19.46	19.13	19.05	19.05	19.01	19.34	19.82	19.84	1964
1965	19.86	19.80	19.84	19.82	19.28	19.05	18.89	19.24	19.86	20.28	19.96	19.74	19.58	1965
1966	19.82	19.81	20.47	20.78	19.63	19.18	19.03	---	---	19.32	19.30	20.14	---	1966
1967	20.07	19.78	19.74	20.68	20.33	19.84	19.89	19.80	19.62	19.84	19.95	20.15	19.95	1967
1968	20.10	19.80	20.83	20.43	19.87	19.51	19.26	19.14	19.01	19.09	19.36	20.54	19.73	1968
1969	20.36	20.89	19.90	21.77	21.40	20.01	19.81	18.32	19.00	18.58	20.40	20.20	20.28	1969
1970	20.40	19.81	19.86	21.38	21.33	19.85	19.06	18.90	19.82	19.42	19.22	19.72	19.84	1970
1971	19.84	20.06	19.83	21.00	20.73	19.27	19.06	19.17	19.43	19.31	19.33	19.89	19.74	1971
1972	20.00	19.82	20.06	20.89	21.18	19.85	19.56	19.68	19.28	19.31	19.38	19.58	19.89	1972
1973	---	---	---	21.83	22.44	19.43	19.80	19.75	19.49	---	---	---	---	1973
1974	---	---	---	21.38	20.86	19.43	---	---	---	20.00	---	---	---	1974
1975	---	19.86	20.84	21.31	19.73	---	---	---	---	---	---	20.01	---	1975
1976	---	---	---	21.22	20.44	20.11	19.21	18.91	18.82	19.18	19.28	19.32	---	1976
1977	20.36	20.34	21.18	20.84	19.79	19.58	18.75	18.89	19.17	19.28	19.36	19.86	19.78	1977
1978	19.80	19.27	19.34	19.85	19.46	19.05	18.89	19.10	19.27	19.63	19.48	---	---	1978
1979	19.83	20.83	19.38	20.21	19.53	19.80	---	---	---	19.82	19.73	19.39	---	1979
1980	---	19.78	20.07	22.16	---	19.44	19.08	---	---	19.13	19.80	19.78	---	1980
1981	19.84	20.00	19.84	21.04	20.84	19.84	18.85	18.83	18.80	19.06	20.09	20.86	19.85	1981
1982	19.84	20.13	19.88	20.84	19.88	20.04	18.89	19.01	18.83	18.88R	19.04R	19.39R	19.85R	1982
1983	20.09	19.85	20.02	20.84	19.85	19.35	19.09	18.83	18.89	---	---	---	---	1983
MOYEN	19.97	19.91	20.16	21.04	20.21	19.88	19.28	19.20	19.22	19.43R	19.62R	19.89R	19.80R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 121.920 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 24 11
LONG 71 53 14

BASSIN VERSANT, 5 930 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

SAINT-FRANCOIS (RIVIERE) A SHERBROOKE - STATION NO. 020E005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1915	---	---	---	1915
1916	---	---	---	1916
1917	---	---	---	1917
1918	---	---	---	1918
1919	---	---	---	1919
1920	---	---	---	1920
1921	---	---	---	1921
1922	---	---	---	1922
1923	---	---	---	1923
1924	---	---	---	1924
1925	---	---	---	1925
1926	---	---	---	1926
1927	---	---	---	1927
1928	---	---	---	1928
1929	---	---	---	1929
1930	---	---	---	1930
1931	---	---	---	1931
1932	---	---	---	1932
1933	---	---	---	1933
1934	---	---	---	1934
1935	---	22.59 LE 19 JAN	18.70 LE 3 SEP	1935
1936	---	---	---	1936
1937	---	23.28 LE 21 MAI	18.71 LE 12 SEP	1937
1938	---	---	---	1938
1939	---	---	---	1939
1940	---	23.38 LE 4 MAI	18.65 LE 3 SEP	1940
1941	---	---	---	1941
1942	---	---	---	1942
1943	---	---	---	1943
1944	---	---	---	1944
1945	---	---	---	1945
1946	---	---	---	1946
1947	---	---	---	1947
1948	---	---	---	1948
1949	---	---	---	1949
1950	---	---	---	1950
1951	---	---	---	1951
1952	---	---	---	1952
1953	---	---	---	1953
1954	---	---	---	1954
1955	---	---	---	1955
1956	---	---	---	1956
1957	---	---	---	1957
1958	---	---	---	1958
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	24.48 LE 6 MAR *	18.71 LE 2 AOU	1964
1965	---	21.60 LE 25 SEP	18.80 LE 19 JUL	1965
1966	---	---	---	1966
1967	---	23.42 LE 3 AVR	19.00 LE 2 NOV	1967
1968	---	23.14 LE 28 MAR	18.80 LE 18 JUL	1968
1969	---	24.00 LE 18 AVR	19.14 LE 13 AOU	1969
1970	---	24.28 LE 25 AVR	18.75 LE 13 AOU	1970
1971	---	22.81 LE 5 MAI	18.84 LE 10 JUL	1971
1972	---	23.74 LE 5 MAI	19.08 LE 27 AOU	1972
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	23.62 LE 6 MAR	18.58 LE 13 JUL *	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	23.80 LE 16 DEC	18.88 LE 5 SEP	1983
1984	---	23.36 LE 1 JUN	18.60A LE 15 OCT	1984
1985	---	23.32 LE 17 AVR	18.81 LE 16 SEP	1985

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 121.920 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
B - REVISEE DEPUIS JAN 1980

SAINT-FRANCOIS (RIVIERE) AU BARRAGE LAROCQUE - STATION NO. 020F010

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1980	---	---	---	---	---	---	---	---	---	138.05	138.04	---	---	1980
1981	---	---	---	---	---	---	---	---	---	138.12	---	137.88	---	1981
1982	---	138.14	137.94	---	138.08	138.08	137.87	137.84	137.81	138.12	---	137.88	---	1982
1983	---	---	138.17	138.48	138.08	137.84	137.69	137.73	---	137.79	137.82	137.88	137.86	1983
1984	137.19	138.74	137.43	138.23	138.22	138.06	137.85	137.46	138.56	138.75	138.16	138.25	137.88	1984
1985	137.87	---	---	138.41	138.13	138.08	138.02	137.91	137.87	137.82B	137.80B	137.95B	---	1985
MOYEN	137.71	137.88	137.83	138.38	138.10	138.00	137.81	137.71	137.46	137.87B	137.84B	138.08B	137.88	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 28 41 BASSIN VERSANT, A 110 km²
LONG 71 57 11 REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

B - REVISEE DEPUIS JAN 1980

SAINT-FRANCOIS (RIVIERE) AU BARRAGE LANDESQUE - STATION NO. 02DF010

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	139.03 LE 15 DEC *	136.17 LE 11 SEP *	1984
1985	---	---	---	1985
		138.87 LE 17 AVR	137.47 LE 18 SEP	

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-FRANCOIS (RIVIERE) AU RESERVOIR AYLMER - STATION NO. 02DE025

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1972	47.23	47.12	46.79	46.86	48.18	48.09	48.04	47.97	47.57	47.38	47.90	47.95	47.80	1972
1973	48.05	47.86	47.17	47.61	48.11	47.98	47.88	47.83	47.53	47.53	47.50	47.89	47.68	1973
1974	47.61	47.58	47.49	47.79	48.01	47.88	47.83	47.53	47.16	47.22	47.40	47.59R	47.59R	1974
1975	47.19	46.79	46.26	46.82	47.31	47.95	47.77	47.52	47.39	47.58	47.87	47.71	47.28	1975
1976	46.87	46.89	46.46	47.85	47.89	47.59	47.70	---	---	47.67	47.15	46.88	---	1976
1977	46.54	46.82	46.86	47.32	47.87	47.72	47.72	47.59	47.49	47.93	47.54	47.08	47.20	1977
1978	46.99	46.48	---	---	---	---	---	---	---	---	46.83	46.75	---	1978
1979	46.95	47.14	46.81	46.86	47.74	47.73	47.62	47.38	47.52	46.80	46.84	---	---	1979
1980	---	---	---	47.30	47.63	47.87	47.71	47.61	47.72	47.87	47.78	47.77	---	1980
1981	46.78	46.86	47.15	47.86	47.72	47.81	47.88	---	47.59	47.77	47.87	47.05	---	1981
1982	46.39	46.01	46.77	46.98	47.83	47.83	47.38	47.31	47.51	46.81	46.87	47.62	47.03	1982
1983	47.55	47.09	46.77	47.07	48.01	47.95	47.81	47.25	46.88	47.45	47.91	48.09	47.47	1983
1984	47.70	46.92	46.20	46.83	47.70	48.00	47.98	47.24	46.98	46.20R	46.58R	46.98R	47.11R	1984
1985	47.18	46.38	46.35	46.28	47.64	47.78	47.73	47.35	47.32	---	---	---	---	1985
MOYEN	47.16	46.84	46.60	47.12	47.79	47.81	47.71	47.45	47.40	47.35R	47.40R	47.45R	47.37R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 200.288 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 45 37 BASSIN VERSANT, 1 710 km²
LONG 71 24 23 REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

SAINT-FRANCOIS (RIVIERE) AU RESERVOIR AYLMER - STATION NO. 02DE025

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1972	---	---	---	1972
1973	---	48.49 LE 9 MAI	46.55 LE 17 MAR	1973
1974	---	48.27 LE 6 FEV	46.90 LE 8 MAR	1974
1975	---	48.99 LE 2 MAI	47.05 LE 5 SEP	1975
1976	---	48.12 LE 8 JUN	46.68 LE 17 AVR	1976
1977	---	---	---	1977
1978	---	48.01 LE 12 OCT	46.38 LE 10 MAR *	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	48.85 LE 3 MAI *	46.53 LE 23 MAR	1983
1984	---	48.38 LE 6 MAI	46.98 LE 6 AVR	1984
1985	---	48.41 LE 3 JUN	46.39 LE 31 MAR	1985
		47.88 LE 22 JUN	46.78 LE 22 FEV	

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 200.288 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-FRANCOIS (RIVIERE) AU RESERVOIR SAINT-FRANCOIS - STATION NO. 02DE024

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1972	48.61	48.41	44.57	48.76	48.57	49.82	48.58	48.05	48.85	48.83	49.40	49.62	48.13	1972
1973	48.92	48.89	47.10	48.37	49.40	49.27	49.17	48.40	48.88	48.33	48.69	49.27	48.81	1973
1974	48.91	47.83	47.08	48.20	49.86	49.81	49.41	49.15	48.35	47.52	47.47	47.86	48.42	1974
1975	47.12	45.59	44.38	44.78	48.68	49.83	49.17	48.96	48.82	49.02	49.43	49.11	47.90	1975
1976	48.03	47.16	45.82	49.01	---	---	---	48.58	49.05	49.38	49.12	48.47	---	1976
1977	48.86	48.62	48.41	48.38	49.18	49.14	---	48.89	48.43	49.48	48.47	48.87	---	1977
1978	47.73	46.48	44.33	44.85	48.27	49.13	---	---	---	48.53	49.01	47.93	---	1978
1979	47.08	44.80	44.58	48.70	---	49.58	48.78	---	48.93	48.31	48.27	48.73	---	1979
1980	47.92	48.41	48.59	---	48.25	49.17	49.35	49.18	49.10	49.57	49.50	49.50	---	1980
1981	48.04	---	---	48.54	49.45	49.48	49.09	49.18	48.71	48.82	48.37	49.10	---	1981
1982	47.96	48.06	44.75	47.24	48.31	48.94	48.87	48.49	49.01	48.89	48.92	49.48	48.17	1982
1983	48.33	48.20	48.51	48.48	49.48	49.24	48.48	48.28	---	47.51	---	48.83	---	1983
1984	48.89	48.78	44.75	48.70	48.96	48.90	49.05	48.47	48.38	48.32R	48.11R	48.19R	47.58R	1984
1985	47.58	45.30	44.73	45.78	48.98	48.82	48.49	48.49	48.42	---	---	---	---	1985
MOYEN	47.72	46.32	45.37	47.38	48.33	49.25	49.04	48.57	48.77	48.73R	48.90R	48.70R	48.17R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 240.176 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 58 42 BASSIN VERSANT, 1 200 km²
LONG 71 19 42 REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

SAINT-FRANCOIS (RIVIERE) AU RESERVOIR SAINT-FRANCOIS - STATION NO 020E024

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1972	---	50.20 LE 8 MAI	44.24 LE 17 MAR	1972
1973	---	49.82 LE 26 DEC	46.50 LE 11 MAR	1973
1974	---	50.52 LE 2 MAI *	46.58 LE 4 AVR	1974
1975	---	49.68 LE 11 JUN	43.53 LE 14 AVR *	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	49.89 LE 28 AVR	44.36 LE 13 MAR	1982
1983	---	---	---	1983
1984	---	49.46 LE 2 JUN	44.32 LE 22 MAR	1984
1985	---	49.05 LE 21 JUN	44.12 LE 29 MAR	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 240.176 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-FRANCOIS (RIVIERE) EN AVAL DU RESERVOIR AYLMER-1 - STATION NO. 020E070

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	43.64R	43.52R	43.62R	---	1982
1983	43.71R	43.77R	43.71R	43.61R	44.08R	43.82R	43.48R	43.41R	43.46R	43.60R	43.83R	43.93R	43.72R	1983
1984	43.76R	43.80R	43.73R	43.78R	43.62R	43.81R	---	---	43.51R	43.48R	43.55R	43.56R	---	1984
1985	43.78	43.83	43.80	43.82	43.48	43.64	43.50	43.44	43.43	---	---	---	---	1985
MOYEN	43.75R	43.80R	43.75R	43.80R	43.73R	43.76R	43.49R	43.43R	43.47R	43.57R	43.63R	43.70R	43.72R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 200.268 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 45 35 BASSIN VERSANT, 1 710 km²
LONG 71 24 25 REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

SAINT-FRANCOIS (RIVIERE) EN AVAL DU RESERVOIR AYLMER-1 - STATION NO. 020E070

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	44.71R LE 3 MAI *	43.24R LE 9 AVR *	1983
1984	---	---	---	1984
1985	---	44.09 LE 29 AVR	43.28 LE 8 SEP	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 200.268 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

SAINT-FRANCOIS (RIVIERE) EN AVAL DU RESERVOIR AYLMER-2 - STATION NO. 020E071

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI *	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	42.74R	42.61R	42.78R	43.01R	---	42.83R	42.34R	42.29R	42.30R	42.89R	42.80R	---	---	1977
1978	42.84R	---	42.71R	42.88R	42.80R	42.67R	---	---	---	42.67R	42.61R	42.72R	---	1978
1979	---	---	---	43.02R	---	42.74R	42.41R	42.68R	42.68R	42.68R	42.80R	---	---	1979
1980	---	42.68R	---	---	42.49R	42.37R	42.29R	42.43R	42.40R	---	---	42.84R	---	1980
1981	---	---	42.58R	42.95R	42.54R	42.59R	42.55R	42.77R	42.82R	42.77R	42.89R	42.70R	---	1981
1982	42.85R	42.92R	42.70R	43.13R	42.93R	42.45R	42.38R	42.38R	42.42R	42.47R	42.47R	42.60R	42.64R	1982
1983	42.56R	42.64R	42.58R	42.85R	43.08R	42.67R	42.38R	42.40R	42.40R	42.46R	42.82R	43.08R	42.66R	1983
1984	42.72R	42.77R	42.65R	42.91R	42.83R	42.80R	42.81R	42.44R	42.25R	42.34R	43.53R	42.53R	42.81R	1984
1985	42.81	42.88	42.79	42.95	42.54	42.41	42.55	42.41	42.42	---	---	---	---	1985
MOYEN	42.76R	42.75P	42.68R	42.98R	42.73R	42.58R	42.46R	42.48R	42.43R	42.59R	42.65R	42.74R	42.64R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 200.268 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 44 55 BASSIN VERSANT, 1 720 km²
LONG 71 24 39 REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

SAINT-FRANCOIS (RIVIERE) EN AVAL DU RESERVOIR AYLMER-2 - STATION NO 02DE071

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	44.39R LE 29 AVR *	42 11R LE 25 MAI	1983
1984	---	43.88R LE 5 MAI	42.10R LE 1 NOV	1983
		43.84R LE 1 JUN	42.02R LE 13 OCT *	1984
1985	---	43.56 LE 18 AVR	42.17 LE 14 SEP	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 200.269 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTYRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

SAINT-JEAN (LAC) A LA POINTE SCOTT - STATION NO 02RG013

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AO	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1983	100.82	99.95	98.90	---	---	101.47	101.26	---	---	101.35	101.22	101.02	---	1983
1984	100.80	99.82	98.65	98.18	101.11	101.58	---	101.44	100.81	---	---	100.78	---	1984
1985	100.63	99.80	98.63	97.77	---	101.85	101.43	---	100.24	100.34	---	100.75	---	1985
MOYEN	100.68	99.85	98.73	97.98	101.11	101.57	101.35	101.44	100.58	100.85	101.22	100.85	---	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 31 36
LONG 72 13 47

BASSIN VERSANT, 73 000 km²
REGULARISE

DONNEES FOURNIES PAR -
LA COMPAGNIE ALUMINIUM DU CANADA

SAINT-JEAN (LAC) A ROBERVAL - STATION NO 02RG010

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1980	3.83	2.85	1.78	1.61	2.97	5.07	4.70	5.05	5.07	5.07	5.01	5.00	3.97	1980
1981	100.32	99.38	98.98	98.84	100.72	101.72	---	101.28	100.83	100.44	100.56	100.38	---	1981
1982	100.11	---	---	---	---	---	---	---	---	---	---	---	---	1982
MOYEN	68.02	51.02	50.37	50.23	51.85	53.40	4.70	53.17	52.80	52.76	52.78	52.70	3.97	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 31 36
LONG 72 13 17

BASSIN VERSANT, 73 000 km²
REGULARISE

DONNEES FOURNIES PAR -
LA COMPAGNIE ALUMINIUM DU CANADA

SAINT-JEAN (LAC) A ROBERVAL - STATION NO 02RG010

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1980	---	5.33 LE 10 AOU *	1.33 LE 13 AVR *	1980
1981	---	---	---	1981
1982	---	---	---	1982

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTYRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-JEAN (LAC) A SAINT-GEDEON - STATION NO 02RG003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1981	100.35	99.41	98.88	98.68	100.77	101.75	101.58	101.31	100.68	100.50	100.82	100.43	100.45	1981
1982	100.17	99.48	98.69	97.77	100.43	101.72	101.58	101.24	101.16	---	101.37	101.42	---	1982
1983	100.83	99.85	98.81	98.21	100.84	101.47	101.26	100.89	100.73	101.36	101.23	101.01	100.55	1983
1984	100.58	99.82	98.67	98.18	101.09	101.59	101.42	101.44	100.83	---	100.85	100.78	---	1984
1985	100.63	99.81	98.84	97.77	99.84	101.84	101.43	101.14	100.23	100.35	100.84	100.75	100.25	1985
MOYEN	100.51	99.74	98.78	98.18	100.56	101.63	101.47	101.18	100.73	100.74	100.84	100.88	100.42	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 32 20
LONG 71 48 50

BASSIN VERSANT, 73 000 km²
REGULARISE

DONNEES FOURNIES PAR -
LA COMPAGNIE ALUMINIUM DU CANADA

SAINT-JEAN (LAC) A SAINT-GEDEON - STATION NO 02RG003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1981	---	101.83 LE 17 JUN *	98.14 LE 3 AVR	1981
1982	---	---	---	1982
1983	---	101.67 LE 15 JUN	97.82 LE 13 AVR	1983
1984	---	---	---	1984
1985	---	101.74 LE 4 JUN	97.87 LE 14 AVR *	1985

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-JEAN (LAC) PRES DE SAINT-HENRI-DETAILLON - STATION NO 02RG002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1981	---	---	---	---	---	---	---	---	100.81	---	100.84	100.43	---	1981
1982	100.17	99.89	98.89	97.78	100.44	101.73	101.87	101.24	101.17	101.00	101.38	101.42	100.82	1982
1983	100.84	99.96	98.91	98.20	---	101.48	---	---	---	---	---	101.02	---	1983
1984	100.60	99.82	98.66	98.18	---	---	---	---	100.94	---	---	100.77	---	1984
1985	100.83	99.81	98.65	97.78	99.85	101.85	---	101.15	100.24	100.38	100.85	100.78	---	1985
MOYEN	100.56	99.82	98.70	97.99	100.05	101.82	101.57	101.20	100.74	100.88	100.98	100.88	100.82	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 48 39 20 LONG 71 51 00

BASSIN VERSANT 73 000 km²

REGULARISE

DONNEES FOURNIES PAR - LA COMPAGNIE ALUMINIUM DU CANADA

SAINT-JEAN (LAC) PRES DE SAINT-HENRI-DETAILLON - STATION NO 02RG002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1981	---	---	---	1981
1982	---	101.83 LE 5 JUN *	97.85 LE 17 AVR *	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-JOSEPH (LAC) - STATION NO 02LC039

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1971	80.87	80.78	80.71	80.98	81.45	81.07	80.95	80.90	80.91	80.84	81.13	81.25	81.00	1971
1972	81.18	80.97	80.93	81.00	81.68	81.36	81.24	81.04	81.05	81.08	81.11	81.09	81.14	1972
1973	81.02	81.02	81.14	81.45	---	---	81.13	81.09	---	---	---	---	---	1973
MOYEN	81.02	80.92	80.93	81.14	81.56	81.22	81.11	81.01	80.98	81.00	81.12	81.17	81.07	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 58 15 LONG 74 20 10

DEBIT NATUREL

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SAINT-JOSEPH (LAC) - STATION NO 02LC039

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1971	---	81.74 LE 6 MAI	80.82 LE 4 AVR *	1971
1972	---	82.02 LE 8 MAI *	80.85 LE 10 AVR	1972
1973	---	---	---	1973

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A BATISCAN - STATION NO. 02PA005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1901	---	---	---	---	4.51	3.88	3.15	2.86	2.72	2.68	2.71	---	---	1901
1913	---	---	---	---	---	3.57	3.16	2.89	2.78	3.02	3.08	---	---	1913
1914	---	---	---	---	---	3.18	2.98	2.89	2.85	2.62	---	---	---	1914
1915	---	---	---	---	3.85	3.10	2.89	2.74	2.67	2.72	2.74	---	---	1915
1916	---	---	---	---	---	4.22	3.39	2.98	2.80	2.91	---	---	---	1916
1917	---	---	---	---	---	4.12	3.65	3.37	2.83	3.11	---	---	---	1917
1918	---	---	---	---	---	3.50	---	2.81	3.01	3.29	---	---	---	1918
1919	---	---	---	---	4.92	---	3.32	3.03	2.86	3.08	---	---	---	1919
1920	---	---	---	---	3.88	3.28	3.05	---	---	2.79	---	---	---	1920
1921	---	---	---	---	3.86	3.13	2.88	2.70	2.60	2.80	---	---	---	1921
1922	---	---	---	---	4.14	3.83	3.21	2.83	2.75	2.71	---	---	---	1922
1923	---	---	---	---	---	3.53	2.95	2.74	---	---	---	---	---	1923
1924	---	---	---	---	---	3.70	3.11	2.93	2.89	3.11	---	---	---	1924
1925	---	---	---	---	3.84	3.44	3.08	2.88	2.67	2.81	---	---	---	1925
1926	---	---	---	---	4.40	3.83	3.18	2.85	2.67	2.78	---	---	---	1926
1927	---	---	---	---	---	3.45	3.26	3.01	2.73	2.87	---	---	---	1927
1928	---	---	---	---	5.16	4.14	3.47	3.19	3.09	3.43	---	---	---	1928
1929	---	---	---	---	4.88	---	3.54	3.16	2.88	3.03	---	---	---	1929
1930	---	---	---	---	4.14	3.86	3.73	3.24	2.94	2.85	---	---	---	1930
1931	---	---	---	---	3.35	3.11	2.79	2.68	2.65	2.60	---	---	---	1931
1932	---	---	---	---	3.61	3.14	3.02	2.97	3.10	3.30	---	---	---	1932
1933	---	---	---	---	4.31	3.30	2.85	2.75	2.61	2.54	---	---	---	1933
1934	---	---	---	---	4.06	3.24	2.81	2.40	2.36	2.36	---	---	---	1934
1935	---	---	---	---	3.40	3.06	2.93	2.66	2.65	2.48	---	---	---	1935
1936	---	---	---	---	4.52	3.54	2.84	---	2.62	2.69	---	---	---	1936
1937	---	---	---	---	4.22	3.33	2.95	2.86	2.74	2.77	---	---	---	1937
1938	---	---	---	---	4.08	3.22	2.87	2.98	2.84	2.87	---	---	---	1938
1939	---	---	---	---	---	3.53	---	3.17	2.82	2.88	---	---	---	1939
1940	---	---	---	---	4.10	3.89	3.18	2.78	2.78	2.88	---	---	---	1940
1941	---	---	---	---	3.37	2.90	2.78	2.66	2.70	2.82	---	---	---	1941
1942	---	---	---	---	3.85	3.46	2.95	2.79	2.70	2.71	---	---	---	1942
1943	---	---	---	---	---	---	3.50	3.28	---	3.10	---	---	---	1943
1944	---	---	---	---	3.77	3.11	2.99	2.88	2.82	2.86	---	---	---	1944
1945	---	---	---	---	---	3.89	3.15	2.84	2.98	3.37	---	---	---	1945
1946	---	---	---	---	3.60	3.31	2.93	2.85	2.71	2.86	---	---	---	1946
1947	---	---	---	---	5.24	5.09	---	3.31	3.08	2.95	---	---	---	1947
1948	---	---	---	---	3.80	3.31	3.04	2.81	2.78	2.73	---	---	---	1948
1949	---	---	---	---	3.66	3.07	2.91	2.68	2.63	2.53	---	---	---	1949
1950	---	---	---	---	3.83	3.33	3.01	2.84	2.77	2.74	---	---	---	1950
1951	---	---	---	---	4.20	3.32	3.26	3.01	2.90	3.01	---	---	---	1951
1952	---	---	---	---	4.30	3.87	3.24	3.16	3.00	3.05	---	---	---	1952
1953	---	---	---	---	3.80	3.18	2.88	2.85	2.79	2.73	---	---	---	1953
1954	---	---	---	---	4.11	3.78	3.23	2.98	---	3.52	---	---	---	1954
1955	---	---	---	---	3.97	3.32	2.99	2.89	---	2.87	---	---	---	1955
1956	---	---	---	---	3.85	3.59	3.16	3.07	3.09	3.02	---	---	---	1956
1957	---	---	---	---	3.23	3.08	3.47	---	---	2.84	---	---	---	1957
1958	---	---	---	---	---	3.27	2.90	2.86	2.76	2.80	---	---	---	1958
1960	---	---	---	---	---	---	---	---	---	---	2.87	---	---	1960
1961	3.13	---	3.28	---	3.58	3.24	3.34	---	---	---	---	---	---	1961
1962	---	3.21	3.09	3.76	3.45	2.81	3.12	---	2.94	2.78	---	---	---	1962
1963	2.89	2.89	2.94	3.89	---	---	2.72	2.71	---	2.75	2.89	2.64	---	1963
1964	3.15	3.11	3.21	3.22	---	---	---	2.83	2.67	2.64	---	---	---	1964
1965	2.73	2.82	2.74	2.90	3.06	2.61	2.84	2.51	2.41	2.49	2.52	2.67	---	1965
1966	3.21	3.18	3.54	---	3.35	3.00	2.47	2.59	2.72	3.27	3.17	3.08	2.86	1966
1967	3.14	3.26	3.06	3.86	3.72	3.19	2.67	2.78	2.66	2.85	2.88	3.30	---	1967
1968	---	---	---	4.08	3.23	2.91	3.03	2.75	2.72	3.22	3.57	---	---	1968
1969	---	---	3.17	4.15	4.28	3.48	2.93	2.81	2.87	2.83	2.99	3.00	---	1969
1970	3.03	3.07	3.00	3.90	4.02	3.32	3.25	3.16	3.03	2.83	3.26	3.13	---	1970
1971	3.18	3.38	3.35	4.12	4.43	3.19	3.13	3.06	2.88	3.10	3.14	3.27	3.25	1971
1972	2.83	2.87	3.33	4.05	4.72	3.87	2.83	2.84	2.95	2.87	2.82	2.89	3.24	1972
1973	3.54	3.68	---	4.52	4.53	3.80	3.75	3.80	3.36	3.45	3.65	3.52	3.59	1973
1974	3.32	3.32	3.76	4.50	5.29	4.40	3.66	3.46	3.28	3.33	3.19	3.36	---	1974
1975	3.26	3.18	3.52	4.11	4.12	---	3.68	3.32	3.13	3.07	3.37	3.49	3.72	1975
1976	3.32	3.52	3.95	5.13	4.54	3.68	2.99	2.85	2.87	3.06	3.26	---	---	1976
1977	3.24	3.01	3.66	4.23	---	3.09	3.66	3.47	3.23	3.36	3.21	---	---	1977
							2.79	2.80	3.01	3.64	3.33	3.42	---	
MOYEN	3.14	3.19	3.31	4.03	4.04	3.45	3.11	2.93	2.84	2.82	3.08	3.15	3.33	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 30 02
LONG 72 14 48

REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SAINT-LAURENT (FLEUVE) A BATISCAN - STATION NO. 02PA005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1901	---	---	---	1901
1913	---	---	---	1913
1914	---	---	---	1914
1915	---	---	---	1915
1916	---	---	---	1916
1917	---	---	---	1917
1918	---	---	---	1918
1919	---	---	---	1919
1920	---	---	---	1920
1921	---	---	---	1921
1922	---	---	---	1922
1923	---	---	---	1923
1924	---	---	---	1924
1925	---	---	---	1925
1926	---	---	---	1926
1927	---	---	---	1927
1928	---	---	---	1928
1929	---	---	---	1929
1930	---	---	---	1930
1931	---	---	---	1931
1932	---	---	---	1932
1933	---	---	---	1933
1934	---	---	---	1934
1935	---	---	---	1935
1936	---	---	---	1936
1937	---	---	---	1937
1938	---	---	---	1938
1939	---	---	---	1939
1940	---	---	---	1940
1941	---	---	---	1941
1942	---	---	---	1942
1943	---	---	---	1943
1944	---	---	---	1944
1945	---	---	---	1945
1946	---	---	---	1946
1947	---	---	---	1947
1948	---	---	---	1948
1949	---	---	---	1949
1950	---	---	---	1950
1951	---	---	---	1951
1952	---	---	---	1952
1953	---	---	---	1953
1954	---	---	---	1954
1955	---	--	---	1955
1956	---	---	---	1956
1957	---	---	---	1957
1958	---	---	---	1958
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	3.69 LE 24 OCT	1.92 LE 28 MAR *	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	4.79 LE 7 MAI	2.40 LE 18 MAR	1970
1971	---	5.44 LE 25 AVR	2.48 LE 2 AOU	1971
1972	---	5.15 LE 17 MAI	2.37 LE 9 FEV	1972
1973	---	---	---	1973
1974	---	6.62 LE 26 MAI *	2.74 LE 25 OCT	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A CAP-A-LA-ROCHE - STATION NO 02PK001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	ADU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	---	---	---	---	---	---	---	---	2 18	---	2 54	---	---	1963
1964	---	2.54	2.70	---	2.50	2.25	2 18	1.98	1 85	---	1 96	---	---	1964
1965	---	2 19	2.12	2.28	2.40	2 06	1 83	2 02	2 13	2 60	2 49	2 39	---	1965
1966	2.53	2 48	2.84	2.83	2 87	2 42	---	---	2 10	---	---	2 62	---	1966
1967	2.51	2.53	2.42	3 11	3.01	2.57	2 40	2 16	2 15	---	2 82	2 71	---	1967
1968	3.08	2.82	2.79	3.27	2 57	2.31	2.30	2 18	2 24	2 23	2 43	2 37	2.53	1968
1969	2.39	2.68	2 51	3.35	3 48	2 80	2.61	2.51	2 42	2 21	2 60	---	---	1969
1970	---	2.40	2.38	3.18	3 25	2 87	2 50	2 43	2 37	2 48	2 60	2 64	---	1970
1971	2.41	2.65	2 71	3.34	3 59	2.61	2.22	2 23	2 33	2 27	2 24	2 26	2 55	1971
1972	2.14	2.23	2.66	3.25	3 84	3 16	3 01	2 86	2 87	2 73	2.92	2 75	2 85	1972
1973	2.89	2.89	3 63	3.68	3.89	3 12	2.92	2 77	2 56	2 65	2 51	2 63	2 97	1973
1974	2.83	2.83	3.01	3.86	4 33	3.56	2.95	2 83	2 48	2 40	2 71	2.80	2 98	1974
1975	2.59	2 48	2 84	3.36	3.34	2.86	2 37	2.27	2.27	2 43	2 61	---	---	1975
MOYEN	2.55	2.53	2.71	3.22	3.22	2.69	2 49	2.37	2 29	2 44	2 53	2 57	2 78	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 0.052 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 33 46
LONG 72 06 23 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SAINT-LAURENT (FLEUVE) A CAP-A-LA-ROCHE - STATION NO 02PK001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	4 48 LE 22 JAN	1.59 LE 9 JAN	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	4 50 LE 25 AVR	1 77 LE 12 DEC	1973
1974	---	4 31 LE 16 MAI	1 44 LE 9 FEV *	1974
1975	---	4 69 LE 19 MAR 4 71 LE 25 MAI *	2.01 LE 19 DEC 1.95 LE 2 FEV	1975

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 0.052 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A CHAMPLAIN - STATION NO 02PA004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	ADU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1962	---	---	---	---	---	---	2 84	2.82	2 84	2 97	3 09	---	---	1962
1963	3.20	3.22	3.25	4.17	3.43	2.94	2.79	2.83	2 89	2 83	3 33	3.18	3.17	1963
1964	---	3.36	3.45	3.45	3.28	2.95	---	2.72	2.59	2.82	---	---	---	1964
1965	---	3.13	3.00	3.11	3.23	2.81	2.79	2.79	2.93	3 49	3 41	3.35	---	1965
1966	3.48	3.46	3.84	3.82	3.63	3.24	---	---	2.87	2.86	3 11	3 56	---	1966
1967	3.43	3.61	3.38	4.17	4.02	3.60	3.29	2.89	---	---	3 88	3.72	---	1967
1968	4.28	3.76	3.63	4.38	3.47	3.15	3.17	3.04	3 11	3 06	3.23	3.27	3.48	1968
1969	3.44	3.64	3.44	4.45	4.59	3.76	3.52	3.42	3.27	3 05	3.50	3.39	3.82	1969
1970	3.32	3.35	3.28	4.19	4.31	3.57	3.38	3.31	3.21	3.33	3.37	3.53	3.51	1970
1971	3.42	3.67	3.64	---	4.75	3.44	3.05	3.06	3.18	3.09	3.03	3.13	---	1971
1972	3.14	3.28	3.50	4.34	5.04	4.14	4.06	3.89	3.82	3.71	3.93	3.81	3.87	1972
1973	3.83	3.98	4.69	4.82	---	---	3.95	3.73	3.55	3.58	3.44	3.63	---	1973
1974	3.62	3.81	4.07	4.81	5.82	4.70	3.95	3.59	3.38	3.31	3.80	3.71	4.00	1974
1975	3.53	3.44	3.81	4.40	4.40	3.81	3.23	3.09	3.10	3.30	3.50	3.52	3.80	1975
1976	3.83	3.84	---	---	4.84	3.87	---	---	---	3.61	3.46	3.26	---	1976
1977	3.55	---	3.84	---	---	---	3.00	---	3.23	3.80	---	3.69	---	1977
MOYEN	3.53	3.53	3.85	4.18	4.20	3.54	3.32	3.18	3.13	3.26	3.42	3.48	3.81	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 0.043 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 26 25
LONG 72 20 25 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SAINT-LAURENT (FLEUVE) A CHAMPLAIN - STATION NO. 02PA004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1962	---	---	---	1962
1963	---	4.88 LE 7 AVR	2.36 LE 1 AOU *	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	5.73 LE 22 JAN	2.57 LE 16 OCT	1968
1969	---	5.02 LE 19 AVR	2.70 LE 6 OCT	1969
1970	---	5.09 LE 7 MAI	2.89 LE 18 MAR	1970
1971	---	---	---	1971
1972	---	5.47 LE 11 MAI	2.79 LE 9 FEV	1972
1973	---	---	---	1973
1974	---	5.93 LE 25 MAI *	3.01 LE 25 OCT	1974
1975	---	5.34 LE 26 AVR	2.81 LE 16 SEP	1975
1976	---	---	---	1976
1977	---	---	---	1977

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 0.043 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A CONTRECOEUR - STATION NO. 020J021

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1934	---	---	---	---	---	---	---	4.30	4.24	4.23	---	---	---	1934
1935	---	---	---	---	---	4.92	4.94	4.85	4.47	4.35	---	---	---	1935
1936	---	---	---	---	---	5.65	4.79	4.48	4.47	4.73	---	---	---	1936
1961	---	---	---	---	---	---	4.94	4.89	---	4.52	4.24	---	---	1961
1962	5.83	5.57	5.15	5.62	5.14	4.36	4.22	4.23	4.15	4.23	4.39	4.73	4.81	1962
1963	5.55	5.35	5.03	5.73	4.73	4.22	4.07	4.15	4.24	4.13	4.52	4.79	4.71	1963
1964	5.48	5.17	5.04	4.82	4.48	4.22	4.10	4.02	3.94	3.95	3.94	---	---	1964
1965	4.87	5.16	4.54	4.38	4.49	3.89	3.94	4.21	4.39	5.02	4.91	4.88	4.57	1965
1966	6.10	6.14	5.80	5.65	5.07	4.73	4.40	4.56	4.47	4.41	4.63	5.35	5.09	1966
1967	5.38	---	5.63	5.00	5.89	5.14	4.89	4.55	4.50	5.09	5.78	5.59	---	1967
1968	6.47	5.85	5.70	5.15	5.10	4.74	4.85	4.73	4.80	4.89	4.84	---	---	1968
1969	---	5.67	5.36	5.32	5.36	5.58	5.27	5.17	4.95	4.87	5.16	5.22	---	1969
1970	5.41	5.28	5.05	5.88	6.03	5.23	5.05	4.98	4.80	4.95	5.03	5.52	5.27	1970
1971	5.87	6.13	5.76	5.39	5.55	5.14	4.85	4.85	4.78	4.85	4.53	4.72	5.32	1971
1972	4.94	5.32	5.64	6.28	6.83	5.91	5.87	5.88	5.40	5.44	5.72	5.81	5.74	1972
1973	6.38	6.34	6.87	6.80	6.70	6.09	5.80	5.46	5.28	5.33	5.18	5.38	5.97	1973
1974	5.44	5.41	5.04	5.72	7.46	---	---	---	5.08	5.02	5.26	5.43	---	1974
1975	---	---	5.71	6.25	6.16	5.53	4.88	---	4.78	4.88	---	5.53R	---	1975
1976	6.17	6.47	---	---	---	---	---	---	---	---	---	---	---	1976
1977	---	---	---	---	---	---	---	---	---	---	---	---	---	1977
1978	5.97	---	---	---	---	5.38	4.95	4.80	4.71	4.75	4.55	---	---	1978
1979	5.17	5.21	5.86	---	6.51	5.46	4.99	4.83	5.18	---	5.42	5.65	---	1979
1980	5.23	5.08	5.21	5.95	5.65	4.96	5.01	5.15	5.21	5.36	5.31	---	---	1980
1981	---	---	---	6.13	6.65	5.37	---	5.07	5.26	5.36	5.53	5.18	---	1981
1982	5.07	5.20	5.18	---	5.89	5.03	4.86	4.89	4.89	4.84	4.85	5.25	---	1982
1983	5.08	5.33	5.53	5.98	---	---	---	---	4.75	4.75	5.23	5.40	---	1983
1984	5.09	5.40	5.58	---	5.93	5.86	5.39	---	5.04	---	---	---	---	1984
1985	5.82	5.88	---	---	---	5.18	---	5.18	4.88	4.98	5.04	---	---	1985
MOYEN	5.57	5.57	5.51	5.84	5.80	5.11	4.85	4.74	4.74	4.78	4.85	5.28R	5.19	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 51 29
LONG 73 14 25 REGULARISE

DONNEES FOURNIES PAR - SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

R - REVISEE DEPUIS JAN 1980

REMARQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) A CONTRECOEUR - STATION NO. 020J021

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1934	4.58 LE 31 JUL	---	---	1934
1935	6.00 LE 4 MAI A 1000 HNE	---	---	1935
1936	7.39 LE 21 MAI A 2030 HNE	---	---	1936
1961	5.09 LE 4 MAI A 1742 HNE	---	---	1961
1962	6.78 LE 16 JAN	6.69 LE 16 JAN	3.92 LE 9 SEP	1962
1963	6.87 LE 6 AVR	6.84 LE 6 AVR	3.83 LE 31 JUL	1963
1964	8.03 LE 30 JAN	---	---	1964
1965	5.62 LE 11 FEV	5.52 LE 11 FEV	3.87 LE 28 MAR *	1965
1966	7.53 LE 3 FEV	7.46 LE 2 FEV	4.24 LE 27 SEP	1966
1967	7.42 LE 2 FEV A 2342 HNE	---	---	1967
1968	7.76 LE 26 JAN A 1230 HNE	---	---	1968
1969	7.32 LE 15 JAN A 2345 HNE	---	---	1969
1970	6.80 LE 6 MAI	6.75 LE 6 MAI	4.63 LE 13 SEP	1970
1971	7.68 LE 24 AVR A 1150 HNE	7.66 LE 24 AVR	4.40 LE 11 DEC	1971
1972	7.51 LE 10 MAI	7.48 LE 10 MAI	4.72 LE 16 JAN	1972
1973	7.99 LE 19 MAR A 1941 HNE *	7.95 LE 19 MAR *	5.00 LE 21 NOV	1973
1974	7.76 LE 25 MAI A 1050 HNE	---	---	1974
1975	7.22 LE 26 AVR	---	---	1975
1976	7.80 LE 3 FEV A 1040 HNE	7.72 LE 3 FEV	5.61 LE 16 JAN	1976
1977	5.69 LE 22 DEC	---	---	1977
1978	7.25 LE 21 AVR A 1652 HNE	---	---	1978
1979	7.11 LE 2 MAI A 1220 HNE	---	---	1979
1980	6.63 LE 17 AVR	---	---	1980
1981	7.78 LE 10 JAN A 1615 HNE	7.57 LE 26 FEV	4.88 LE 28 JUL	1981
1982	6.76 LE 28 AVR A 2351 HNE	6.74 LE 29 AVR	4.37 LE 26 OCT	1982
1983	7.60 LE 12 MAI A 1630 HNE	7.49 LE 12 MAI	4.56 LE 31 OCT	1983
1984	7.32 LE 19 AVR	7.23 LE 19 AVR	---	1984
1985	---	---	---	1985

PLAN DE REFRENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A COTEAU-DU-LAC - STATION NO. 02MC017

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1920	---	---	---	---	---	40.73	40.78	40.74	40.70	40.68	40.65	---	---	1920
1921	40.91	40.85	41.00	41.00	41.01	40.88	40.83	40.84	40.73	40.68	40.58	---	---	1921
1922	40.89	40.59	40.74	41.08	41.01	41.06	41.11	40.98	40.85	40.75	40.64	---	---	1922
1923	---	---	---	---	40.86	40.91	40.81	40.73	40.64	40.55	40.50	40.60	---	1923
1924	40.74	40.72	40.65	40.91	40.99	40.93	40.94	40.90	40.79	40.77	40.65	40.58	40.80	1924
1925	---	40.65	40.80	---	---	---	---	---	---	---	---	---	---	25
1927	---	---	---	---	---	40.88	40.83	---	40.63	40.59	40.71	40.88	---	1927
1928	40.87	40.92	40.88	41.14	41.04	40.99	40.99	40.98	40.85	40.79	40.78	40.84	40.93	1928
1929	40.98	---	---	41.20	41.38	41.32	41.29	41.20	41.06	40.98	40.98	40.95	---	1929
1930	41.15	41.15	41.21	41.36	41.30	41.28	41.25	41.11	40.97	40.85	40.76	40.67	41.09	1930
1931	40.70	40.60	40.57	40.72	40.72	40.75	40.71	40.59	40.53	40.49	40.49	40.45	40.61	1931
1932	40.60	40.74	40.71	41.07	41.01	40.90	40.87	40.79	40.64	40.60	40.57	40.53	40.75	1932
1933	40.52	40.47	40.46	40.86	40.82	40.69	40.57	40.48	40.41	40.23	40.08	40.24	40.49	1933
1934	40.19	40.19	40.15	40.59	40.44	40.40	40.36	40.38	40.37	40.31	40.14	40.33	40.32	1934
1935	40.54	40.26	40.43	40.44	40.48	40.55	40.58	40.50	40.33	40.25	40.35	40.40	40.43	1935
1936	40.46	40.30	40.58	40.85	40.93	40.87	40.79	40.64	40.55	40.54	40.49	40.41	40.63	1936
1937	40.73	40.79	40.82	40.82	40.98	40.87	40.82	40.87	40.74	40.63	40.87	40.80	40.78	1937
1938	40.73	40.72	40.70	40.90	40.88	40.82	40.76	40.78	40.71	40.62	40.46	40.47	40.71	1938
1939	40.64	40.30	40.29	40.82	40.85	40.78	40.76	40.88	40.69	40.37	40.23	40.20	40.53	1939
1940	40.47	40.18	40.03	40.40	40.52	40.58	40.57	40.46	40.34	40.28	40.28	40.30	40.37	1940
1941	40.55	40.27	40.16	40.50	40.39	40.27	40.28	40.28	40.18	40.17	40.27	40.34	40.31	1941
1942	40.53	41.47	40.98	40.48	40.55	40.52	40.49	40.46	40.38	40.34	40.43	40.55	40.80	1942
1943	41.06	41.74	41.60	40.81	40.89	40.81	40.79	40.78	40.89	40.63	40.60	---	---	1943
1944	40.72	40.63	40.59	40.85	40.70	40.68	40.88	40.86	40.81	40.60	40.49	40.48	40.82	1944
1945	41.02	41.53	41.19	40.82	40.84	40.82	40.81	40.78	40.75	40.82	40.80	40.87	40.82	1945
1946	41.07	40.85	41.02	40.83	40.78	40.76	40.73	40.67	40.62	40.62	40.62	40.65	40.77	1946
1947	42.29	42.54	42.21	41.09	40.78	40.92	40.90	40.84	40.78	40.66	40.68	40.72	41.19	1947
1948	40.86	41.74	41.57	40.82	40.84	40.78	40.74	40.69	40.63	40.61	40.60	40.55	40.87	1948
1949	40.72	40.80	40.76	40.74	40.74	40.69	40.68	40.68	40.58	40.55	40.55	40.60	40.66	1949
1950	40.85	41.51	41.94	41.04	40.73	40.71	40.71	40.66	40.63	40.85	40.68	40.72	40.90	1950
1951	40.78	41.62	41.36	40.86	40.79	40.73	40.77	40.67	40.63	40.67	40.41	40.67	40.82	1951
1952	41.48	41.60	41.21	40.84	40.69	40.70	40.80	40.80	40.59	40.53	40.49	40.52	40.80	1952
1953	40.78	41.18	40.73	40.58	40.64	40.61	40.82	40.66	40.54	40.42	40.34	40.30	40.60	1953
1954	40.87	40.88	40.87	40.66	40.61	40.80	40.82	40.64	40.66	40.58	40.58	40.58	40.85	1954
1955	40.83	41.03	41.11	40.63	40.60	40.66	40.64	40.42	40.38	40.34	40.38	40.76	40.63	1955
1956	41.22	41.18	41.16	40.66	40.42	40.43	40.41	40.35	40.32	40.27	40.31	40.41	40.59	1956
1957	41.05	40.79	40.68	40.43	40.43	40.42	40.45	40.38	40.34	40.27	40.36	40.27	40.49	1957
1958	40.60	40.77	40.72	40.46	40.36	40.40	40.42	40.25	40.19	40.31	40.31	40.38	40.42	1958
1959	40.46	40.70	40.84	40.61	40.62	40.65	40.61	40.42	40.28	40.21	40.21	40.29	40.46	1959
1960	40.61	40.58	40.66	40.60	40.20	40.67	40.62	40.42	40.27	38.78	40.06	40.23	40.35	1960
1961	40.41	40.32	40.09	38.98	40.10	39.78	39.75	40.11	40.08	40.02	40.25	40.15	40.08	1961
1962	40.17	40.08	40.08	38.93	40.00	40.08	40.05	40.09	40.13	40.11	40.04	40.20	40.08	1962
1963	40.27	40.28	40.28	38.91	39.90	40.05	40.04	40.11	40.09	40.11	40.14	40.15	40.11	1963
1964	40.30	40.21	40.20	40.19	39.89	40.13	40.15	40.13	40.12	---	40.12	40.16	---	1964
1965	40.14	40.12	40.17	40.13	40.04	40.23	40.24	40.22	40.23	---	40.14	40.15	---	1965
1966	40.42	40.36	40.35	40.22	39.97	40.24	40.23	40.22	40.23	40.21	40.20	40.24	40.24	1966
1967	40.32	40.38	40.33	40.21	40.23	40.01	40.23	40.25	40.27	40.25	40.25	40.21	40.25	1967
1968	40.53	40.54	40.42	40.30	39.98	40.26	40.28	40.26	40.28	40.28	40.28	40.57	40.33	1968
1969	41.02	40.52	40.38	40.36	40.09	40.24	40.34	40.35	40.26	40.26	40.23	40.26	40.36	1969
1970	40.38	40.37	40.34	40.28	40.08	40.21	---	---	40.24	40.24	40.18	40.37	---	1970
1971	40.22	40.21	40.40	40.48	40.38	40.23	40.19	40.19	40.23	40.20	40.14	40.20	40.25	1971
1972	40.38	40.24	40.28	40.46	40.34	40.29	40.34	40.42	40.41	40.38	40.38	40.64	40.38	1972
1973	40.87	40.62	40.59	40.45	---	---	40.49	40.39	40.43	40.37	40.22	40.64	---	1973
1974	40.68	40.48	40.64	40.57	40.47	40.48	40.46	40.51	40.46	40.43	40.33	40.34	40.48	1974
1975	40.49	40.31	40.55	40.50	40.41	---	---	40.33	40.37	40.36	40.36	40.42R	---	1975
1976	40.35	40.46	40.65	40.51	40.48	40.55	40.55	40.49	40.45	40.46	---	---	---	1976
1977	---	40.46	40.64	40.43	40.34	40.30	40.28	40.15	40.38	40.43	40.36	40.52	---	1977
1978	40.41	40.60	40.60	40.68	40.43	40.42	40.37	40.35	40.28	40.28	40.27	40.34	40.42	1978
1979	40.28	40.26	40.45	40.41	40.35	40.41	40.34	40.33	---	40.45	40.43	40.38	---	1979
1980	40.93	40.50	40.45	40.35	40.34	40.31	40.32	40.35	40.38	40.31	40.29	40.28	40.40	1980
1981	40.14	38.92	38.75	---	---	40.30	40.36	40.45	---	40.43	40.45	40.22	---	1981
1982	40.18	40.23	40.23	40.28	40.28	---	---	---	---	---	---	40.32	---	1982
1983	40.24	---	40.31	40.39	40.39	---	---	40.41	40.44	40.38	40.32	40.40	---	1983
1984	---	40.58	40.58	40.38	40.44	40.18	40.45	40.58	40.47	40.33	40.27	40.24	---	1984
1985	40.44	40.45	40.48	40.42	40.38	40.40	40.40	40.35	40.38	40.32	40.33	---	---	1985
MOYEN	40.66	40.69	40.66	40.60	40.55	40.57	40.57	40.52	40.47	40.43	40.41	40.45R	40.66	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 17 47
LONG 74 10 00 REGULARISE

DONNEES FOURNIES PAR - SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

R - REVISEE DEPUIS JAN 1980

REMARQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) A COTEAU-DU-LAC - STATION NO. 02MC017

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1920	41.25 LE 30 DEC A 1700 HNE	---	---	1920
1921	41.27 LE 22 MAR	---	---	1921
1922	41.35 LE 13 AVR	---	---	1922
1923	41.18 LE 9 JUN A 1930 HNE	---	---	1923
1924	41.28 LE 19 MAI	41.16 LE 19 MAI	40.50 LE 5 DEC	1924
1925	41.14 LE 30 MAR	---	---	1925
1927	41.05 LE 19 NOV	---	---	1927
1928	41.56 LE 8 AVR A 2330 HNE	---	40 68 LE 10 MAR	1928
1929	41.57 LE 16 MAI A 1800 HNE	41.49 LE 9 AVR	---	1929
1930	41.52 LE 8 AVR	---	---	1930
1931	40.94 LE 27 JAN	41.50 LE 8 AVR	40 58 LE 11 DEC	1931
1932	41.37 LE 12 AVR A 2030 HNE	40.90 LE 27 JAN	40.36 LE 9 DEC	1932
1933	41.00 LE 8 AVR A 1730 HNE	41.35 LE 13 AVR	40.35 LE 2 JAN	1933
1934	40.85 LE 31 DEC A 2000 HNE	40.98 LE 9 AVR	40.01 LE 5 NOV	1934
1935	41.07 LE 28 JAN	40.79 LE 26 DEC	38.89 LE 2 FEV	1935
1936	41.12 LE 19 AVR A 1530 HNE	40.92 LE 27 JAN	40 05 LE 10 AVR	1936
1937	41 36 LE 7 AVR	41.11 LE 19 AVR	40.11 LE 28 FEV	1937
1938	41.24 LE 25 MAR	41.29 LE 7 AVR	40.26 LE 18 DEC	1938
1939	41.15 LE 23 AVR A 2200 HNE	41.22 LE 25 MAR	40.24 LE 5 MAR	1939
1940	40.87 LE 1 JUL	41.13 LE 23 AVR	40 03 LE 25 NOV	1940
1941	40.87 LE 28 DEC	40 84 LE 1 JUL	39 93 LE 16 FEV	1941
1942	41.83 LE 10 FEV A 2000 HNE	40.78 LE 22 JAN	39.89 LE 13 FEV	1942
1943	42.74 LE 28 MAR	41.76 LE 11 FEV	40 11 LE 8 DEC	1943
1944	41.01 LE 14 FEV A 1030 HNE	---	---	1944
1945	42.20 LE 11 MAR	40.87 LE 14 MAI	40 26 LE 27 NOV	1945
1946	41.48 LE 11 MAR	42.02 LE 11 FEV	40 39 LE 17 JAN	1946
1947	43.02 LE 26 JAN A 1330 HNE *	41.37 LE 10 MAR	40 49 LE 4 DEC	1947
1948	42.61 LE 21 MAR A 1230 HNE	42.92 LE 26 JAN *	40 58 LE 29 OCT	1948
1949	41.07 LE 28 MAR	42.36 LE 21 MAR	40 47 LE 30 DEC	1949
1950	42.23 LE 4 MAR A 1530 HNE	41.01 LE 28 MAR	40 50 LE 5 JAN	1950
1951	41.81 LE 17 FEV A 2300 HNE	42.13 LE 13 MAR	40 54 LE 7 JAN	1951
1952	42.48 LE 27 JAN	41.86 LE 18 FEV	40.14 LE 18 NOV	1952
1953	41.90 LE 22 FEV A 1100 HNE	42.42 LE 27 JAN	40 45 LE 19 NOV	1953
1954	41.47 LE 15 JAN A 1130 HNE	41.75 LE 22 FEV	40.00 LE 2 DEC	1954
1955	41.81 LE 26 DEC A 1100 HNE	41.38 LE 14 JAN	40 32 LE 28 JAN	1955
1956	41.84 LE 26 FEV A 1130 HNE	41 72 LE 26 DEC	40 13 LE 6 OCT	1956
1957	41.62 LE 17 JAN A 1300 HNE	41 84 LE 1 JAN	40 16 LE 24 OCT	1957
1958	41.36 LE 2 MAR	41.29 LE 13 JAN	40 08 LE 14 DEC	1958
1959	41.19 LE 5 AVR A 1000 HNE	41 16 LE 23 FEV	39 86 LE 2 SEP	1959
1960	40.88 LE 5 AVR A 1635 HNE	41.09 LE 5 AVR	40.04 LE 2 OCT	1960
1961	40.96 LE 3 FEV	40 88 LE 5 AVR	39 81 LE 25 OCT	1961
1962	40.82 LE 16 JAN	40.74 LE 26 JAN	39 40 LE 17 JUN	1962
1963	40.87 LE 18 DEC A 2338 HNE	40.37 LE 8 JAN	39 63 LE 13 MAI	1963
1964	40.51 LE 16 JAN A 2215 HNE	40.57 LE 18 DEC	39 43 LE 14 MAI	1964
1965	40.48 LE 12 JAN A 1701 HNE	---	---	1965
1966	40.88 LE 1 FEV	40.75 LE 1 FEV	39 47 LE 13 MAI	1966
1967	40.70 LE 10 MAR A 1710 HNE	40.55 LE 3 MAR	38 44 LE 13 JUN	1967
1968	41.49 LE 31 DEC	41.30 LE 31 DEC	38 45 LE 17 MAI	1968
1969	41.80 LE 2 JAN A 1735 HNE	41.48 LE 3 JAN	39.61 LE 7 MAI	1969
1970	40.82 LE 28 DEC A 1740 HNE	---	---	1970
1971	40.93 LE 19 AVR A 1230 HNE	40.77 LE 19 AVR	38 91 LE 19 MAI	1971
1972	41.51 LE 18 DEC A 1217 HNE	41.20 LE 31 DEC	39 77 LE 12 JUN	1972
1973	41.89 LE 22 DEC A 1952 HNE	---	---	1973
1974	41.04 LE 7 MAR A 2025 HNE	40.94 LE 7 MAR	40.08 LE 14 MAI	1974
1975	41.07R LE 22 JAN A 1135 HNE	---	---	1975
1976	41.02 LE 31 MAR A 1019 HNE	---	---	1976
1977	41.08 LE 14 MAR A 2225 HNE	---	---	1977
1978	41.13 LE 12 AVR A 1029 HNE	41.00 LE 12 AVR	39 95 LE 3 OCT	1978
1979	40.91 LE 25 MAR A 1240 HNE	---	---	1979
1980	42.02 LE 12 JAN	41.83 LE 12 JAN	39 84 LE 23 MAI	1980
1981	40.85 LE 9 ADU A 0504 HNE	40.57 LE 25 SEP	39 31 LE 26 MAR *	1981
1982	40.90 LE 10 JAN	40.81 LE 9 JAN	39.92 LE 8 MAR	1982
1983	41.27 LE 23 DEC A 0859 HNE	40.82 LE 22 JAN	39.89 LE 6 FEV	1983
1984	41.09 LE 11 FEV A 1800 HNE	40.91 LE 29 JAN	39.89 LE 20 JUN	1984
1985	40.95 LE 28 DEC A 1332 HNE	40.89 LE 28 DEC	40.14 LE 2 NOV	1985

PLAN DE REFRENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

SAINT-LAURENT (FLEUVE) A COTEAU-LANDING - STATION NO 02MC019

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1919	46.34	46.32	46.34	46.40	46.45	46.49	46.45	46.39	46.32	46.24	46.22	46.24	46.35	1919
1920	46.25	46.24	46.12	46.21	46.14	46.08	46.12	46.08	46.05	46.03	46.01	46.18	46.11	1920
1921	46.21	46.06	46.29	46.28	46.29	46.27	46.22	46.16	46.04	45.89	45.84	46.02	46.15	1921
1922	46.19	46.00	46.05	46.34	46.31	46.36	46.37	46.26	46.16	46.08	46.01	45.94	46.17	1922
1923	46.08	45.99	45.91	46.16	46.18	46.18	46.11	46.06	46.08	45.89	45.86	45.84	46.03	1923
1924	46.22	46.13	46.04	46.20	46.27	46.21	46.20	46.17	46.08	46.10	46.05	46.12	46.15	1924
1925	46.02	45.91	46.15	46.17	46.15	46.16	46.03	46.37	46.03	45.94	45.99	46.07	46.03	1925
1926	45.95	45.75	45.84	46.24	46.18	46.05	46.05	46.00	46.03	46.06	46.20	46.32	46.05	1926
1927	46.26	46.04	46.22	46.22	46.23	46.23	46.18	46.13	46.00	46.06	46.18	46.34	46.19	1927
1928	46.50	46.30	46.33	46.48	46.32	46.33	46.35	46.24	46.25	46.22	46.22	46.27	46.34	1928
1929	46.49	46.39	46.45	46.51	46.55	46.51	46.58	46.53	46.44	46.35	46.33	46.32	46.47	1929
1930	46.50	46.55	46.54	46.53	46.50	46.50	46.54	46.42	46.30	46.20	46.12	46.04	46.43	1930
1931	46.13	46.01	45.93	46.04	46.03	46.05	46.03	45.94	45.89	45.84	45.83	45.81	45.95	1931
1932	45.93	46.08	46.07	46.22	46.23	46.17	46.15	46.10	45.97	45.90	45.84	45.88	46.05	1932
1933	45.86	45.84	45.84	46.09	46.06	46.07	46.12	46.14	46.09	46.03	45.89	45.98	46.00	1933
1934	45.97	46.11	46.10	46.27	46.21	46.16	46.07	45.94	45.85	45.81	45.73	46.12	46.03	1934
1935	46.18	46.18	46.28	46.23	46.24	46.25	46.18	46.05	45.83	45.77	45.88	45.94	46.08	1935
1936	46.13	46.02	46.10	46.38	46.34	46.27	46.18	46.05	45.98	45.97	46.03	46.16	46.12	1936
1937	46.31	46.32	46.32	46.33	46.35	46.30	46.19	46.11	46.01	45.92	45.84	46.15	46.20	1937
1938	46.18	46.20	46.27	46.22	46.21	46.17	46.14	46.15	46.10	46.05	46.01	46.17	46.16	1938
1939	46.24	46.10	46.16	46.32	46.30	46.24	46.22	46.16	46.06	46.08	46.02	46.06	46.16	1939
1940	46.16	46.03	46.01	46.18	46.12	46.18	46.26	46.26	46.15	46.00	45.92	46.08	46.10	1940
1941	46.17	46.01	45.93	46.16	46.07	46.02	46.04	45.96	46.02	45.88	46.04	46.14	46.06	1941
1942	46.23	46.24	46.26	46.24	46.23	46.18	46.18	46.28	46.29	46.28	46.27	46.30	46.25	1942
1943	46.32	46.36	46.37	46.42	46.52	46.44	46.48	46.44	46.40	46.38	46.37	46.33	46.40	1943
1944	46.36	46.27	46.23	46.23	46.29	46.35	46.30	46.21	46.12	46.00	46.21	46.24	46.24	1944
1945	46.21	46.24	46.31	46.39	46.44	46.42	46.43	46.42	46.40	46.40	46.37	46.41	46.37	1945
1946	46.47	46.33	46.40	46.42	46.34	46.34	46.33	46.28	46.18	46.13	46.11	46.17	46.28	1946
1947	46.32	46.24	46.18	46.35	46.37	46.51	46.50	46.46	46.44	46.37	46.28	46.36	46.37	1947
1948	46.28	46.18	46.27	46.40	46.38	46.41	46.42	46.40	46.30	46.21	46.18	46.23	46.31	1948
1949	46.38	46.33	46.25	46.39	46.20	46.26	46.18	46.08	46.01	45.93	45.86	45.97	46.17	1949
1950	46.23	46.27	46.30	46.37	46.33	46.33	46.30	46.24	46.16	46.13	46.10	46.28	46.25	1950
1951	46.46	46.34	46.43	46.46	46.44	46.44	46.46	46.46	46.39	46.28	46.22	46.40	46.40	1951
1952	46.48	46.48	46.49	46.46	46.41	46.42	46.46	46.46	46.44	46.39	46.37	46.39	46.43	1952
1953	46.55	46.52	46.43	46.43	46.41	46.38	46.36	46.38	46.31	46.22	46.15	46.30	46.37	1953
1954	46.55	46.55	46.52	46.46	46.39	46.38	46.37	46.36	46.31	46.30	46.30	46.38	46.40	1954
1955	46.53	46.52	46.52	46.52	46.41	46.38	46.37	46.33	46.28	46.27	46.28	46.43	46.40	1955
1956	46.50	46.51	46.47	46.46	46.39	46.38	46.36	46.39	46.37	46.28	46.20	46.28	46.38	1956
1957	46.58	46.56	46.44	46.18	46.22	---	46.27	46.21	46.20	46.20	---	46.33	---	1957
1958	46.46	46.47	46.46	46.38	46.38	46.37	46.37	46.35	46.34	46.36	46.34	46.46	46.39	1958
1959	46.50	46.48	---	46.44	46.34	46.36	46.35	46.39	46.36	46.36	46.39	---	---	1959
1960	46.54	46.55	46.51	46.34	46.37	46.37	46.34	46.32	46.35	46.29	46.27	46.33	46.38	1960
1961	46.53	46.48	46.47	46.32	46.34	46.34	46.34	46.35	46.34	46.35	46.35	46.30	46.38	1961
1962	---	---	---	---	46.28	46.34	46.33	46.34	46.33	---	46.33	46.35	---	1962
1963	---	46.47	46.47	46.34	46.29	46.32	46.34	46.35	46.37	46.34	46.33	46.40	---	1963
1964	46.51	46.48	46.46	46.32	46.30	46.29	46.32	46.32	46.32	---	46.34	46.38	---	1964
1965	46.46	46.48	46.42	46.38	46.34	46.35	46.35	46.34	46.33	46.32	46.35	46.34	46.33	1965
1966	46.39	46.43	46.38	46.33	46.34	46.33	46.33	46.33	46.33	46.32	46.33	46.33	46.35	1966
1967	46.34	46.42	46.41	46.36	46.34	46.33	46.36	46.36	46.38	46.35	46.41	46.41	46.37	1967
1968	46.45	46.47	46.44	46.38	46.37	46.36	46.37	46.37	46.38	46.38	46.38	46.42	46.40	1968
1969	46.44	46.46	46.49	46.41	46.40	46.38	46.37	46.37	46.38	46.38	46.33	46.38	46.40	1969
1970	46.49	46.47	46.49	46.41	46.38	46.37	46.37	46.40	46.37	46.38	46.42	46.47	46.42	1970
1971	46.47	46.50	46.53	46.48	46.40	46.38	46.37	46.38	46.42	46.37	46.37	46.38	46.42	1971
1972	46.46	46.46	46.42	46.47	46.45	46.41	46.41	46.40	46.41	46.42	46.43	46.48	46.44	1972
1973	46.51	46.52	46.50	46.43	46.43	46.43	46.43	46.46	46.42	46.42	46.45	46.44	46.45	1973
1974	46.48	46.48	---	46.45	46.44	46.47	46.46	46.43	46.41	46.42	46.42	46.41	---	1974
1975	46.39	46.48	46.45	46.46	46.44	46.44	46.43	46.42	46.43	46.44	---	46.41R	---	1975
1976	46.47	---	---	46.46	---	---	---	---	---	---	46.41	46.44	---	1976
1977	46.49	46.47	46.43	46.43	46.41	46.44	46.42	46.42	---	46.43	46.45	---	---	1977
1978	46.50	46.49	46.49	46.38	46.38	46.39	46.42	46.41	46.42	46.43	46.42	46.37	46.42	1978
1979	46.48	46.46	46.42	46.39	46.37	46.41	---	46.43	46.45	46.44	46.41	46.38	---	1979
1980	---	---	---	46.36	46.41	46.37	46.41	46.42	46.41	46.42	46.42	46.38	---	1980
1981	---	46.46	46.38	46.37	46.39	46.40	46.42	46.39	46.43	---	---	46.33	---	1981
1982	46.38	46.43	46.41	46.38	46.39	46.40	46.43	46.42	46.42	---	46.36	46.34	---	1982
1983	46.38	46.44	---	46.40	---	46.37	46.32	---	---	---	46.39	---	---	1983
1984	---	---	---	---	---	46.39	46.39	---	46.41	46.39	---	---	---	1984
1985	---	46.43	46.43	46.41	---	46.42	46.41	46.40	46.42	46.43	---	---	---	1985
MOYEN	46.34	46.31	46.32	46.35	46.33	46.33	46.32	46.29	46.25	46.21	46.20	46.28R	46.27	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 15 11
LONG 74 12 41 REGULARISE

DONNEES FOURNIES PAR - SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

R - REVISEE DEPUIS JAN 1980

REMARQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) A COTEAU-LANDING - STATION NO. 02MC016

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1919	45.81 EN JAN *	45.58 LE 19 JAN	44.97 LE 28 NOV	1919
1920	46.77 LE 13 MAR			1920
1921	---	45.52 LE 8 JAN	43.84 LE 22 NOV	1921
1922	46.56 LE 13 AVR	45.48 LE 22 MAR	43.83 LE 2 NOV	1922
1923	46.61 LE 10 JUN A 2300 HNE	45.54 LE 13 AVR	43.87 LE 28 DEC	1923
1924	46.52 LE 19 MAI	45.38 LE 10 JUN	43.78 LE 2 MAR	1924
1925	46.41 LE 30 MAR	44.97 LE 19 JAN	43.83 LE 5 DEC	1925
1926	46.56 LE 26 AVR A 1900 HNE	45.39 LE 29 MAR	43.77 LE 29 JAN	1926
1927	46.57 LE 27 DEC	46.03 LE 26 AVR	43.83 LE 3 FEV D	1927
1928	46.83 LE 9 AVR A 1527 HNE	45.53 LE 27 DEC	43.91 LE 28 FEV	1928
1929	46.68 LE 16 MAI A 1335 HNE	45.79 LE 9 AVR	44.12 LE 20 SEP	1929
1930	45.84 LE 27 JAN	45.78 LE 6 MAI	44.16 LE 19 DEC	1930
1931	46.25 LE 1 FEV A 2250 HNE	45.83 LE 25 JAN *	43.88 LE 11 DEC	1931
1932	46.57 LE 12 AVR A 1843 HNE	45.32 LE 17 JUN	43.76 LE 15 NOV	1932
1933	46.33 LE 26 JUL A 1551 HNE	45.53 LE 13 AVR	43.68 LE 9 NOV	1933
1934	46.58 LE 3 AVR	45.20 LE 28 DEC	43.73 LE 16 FEV	1934
1935	45.59 LE 18 MAR	45.97 LE 3 AVR	43.83 LE 6 NOV	1935
1936	46.54 LE 19 AVR A 1445 HNE	45.83 LE 18 MAR	43.84 LE 18 OCT	1936
1937	46.83 LE 7 AVR	45.51 LE 19 AVR	43.67 LE 16 FEV	1937
1938	45.56 LE 25 MAR	45.75 LE 7 AVR	43.92 LE 13 NOV	1938
1939	46.52 LE 16 AVR	46.04 LE 25 MAR	43.86 LE 21 JAN	1939
1940	46.63 LE 29 JAN A 1130 HNE	46.07 LE 19 AVR	43.84 LE 6 JAN	1940
1941	46.41 LE 20 JAN	46.25 LE 29 JAN	43.75 LE 27 NOV	1941
1942	46.53 LE 2 DEC A 1935 HNE	46.36 LE 20 JAN	43.85 LE 12 FEV	1942
1943	45.85 LE 13 MAI	45.40 LE 10 FEV	44.06 LE 8 FEV	1943
1944	45.67 LE 14 JAN A 1957 HNE	45.82 LE 13 MAI	44.20 LE 16 JAN	1944
1945	45.59 LE 23 MAI	45.64 LE 14 JAN	43.93 LE 15 NOV	1945
1946	45.80 LE 23 JAN	46.52 LE 20 MAI	43.87 LE 17 JAN	1946
1947	46.05 LE 16 JUN	46.55 LE 23 JAN	44.03 LE 28 DEC	1947
1948	46.53 LE 25 JUN	46.60 LE 15 JUN	43.89 LE 22 FEV	1948
1949	46.59 LE 10 JAN A 1985 HNE	46.49 LE 25 JUN	43.82 LE 31 JAN	1949
1950	46.55 LE 10 JAN A 1948 HNE	46.46 LE 7 AVR	43.71 LE 23 NOV	1950
1951	46.68 LE 4 JAN A 1142 HNE	46.45 LE 6 AVR	43.96 LE 4 NOV	1951
1952	46.66 LE 19 JAN	46.61 LE 31 MAR	44.12 LE 7 NOV	1952
1953	46.72 LE 29 JAN	46.55 LE 20 FEV	44.17 LE 18 NOV	1953
1954	46.64 LE 3 MAR	46.65 LE 29 JAN	43.99 LE 7 NOV	1954
1955	46.64 LE 3 AVR A 1100 HNE	46.61 LE 12 JAN	44.23 LE 3 OCT	1955
1956	46.61 LE 10 MAI A 1951 HNE	46.62 LE 6 AVR	44.13 LE 6 OCT	1956
1957	46.62 LE 4 JAN A 1900 HNE	45.96 LE 6 AVR	44.13 LE 15 NOV	1957
1958	46.59 LE 6 JAN A 2021 HNE	---	---	1958
1959	46.61 LE 23 JAN	45.96 LE 10 JAN	44.21 LE 9 NOV	1959
1960	46.66 LE 9 JAN	---	---	1960
1961	46.63 LE 13 DEC	46.59 LE 1 FEV	---	1961
1962	46.68 LE 8 AVR A 2044 HNE	46.57 LE 13 JAN	44.18 LE 20 AVR	1962
1963	46.62 LE 26 MAR	---	44.15 LE 17 DEC	1963
1964	46.61 LE 22 JAN A 2353 HNE	---	---	1964
1965	46.59 LE 31 JAN A 2309 HNE	---	---	1965
1966	46.54 LE 31 JAN A 2345 HNE	46.57 LE 6 FEV	---	1966
1967	46.66 LE 22 DEC	46.47 LE 20 JAN	46.26 LE 31 MAI	1967
1968	46.59 LE 21 JAN	46.47 LE 29 FEV	46.24 LE 4 DEC	1968
1969	46.53 LE 22 MAR A 2120 HNE	46.52 LE 18 DEC	46.28 LE 19 JAN	1969
1970	45.59 LE 26 MAR A 2101 HNE	46.53 LE 15 MAR	46.32 LE 14 JUN	1970
1971	46.59 LE 13 FEV A 2310 HNE	46.54 LE 23 MAR	46.29 LE 11 AOU	1971
1972	46.70 LE 19 DEC	46.56 LE 17 MAR	46.32 LE 3 JUN	1972
1973	46.59 LE 3 AVR A 1915 HNE	46.54 LE 16 DEC	46.30 LE 25 JUL	1973
1974	46.52 LE 1 MAI A 1201 HNE	46.54 LE 24 JAN	46.26 LE 16 JUN	1974
1975	46.588 LE 16 NOV A 1912 HNE	---	46.25 LE 12 AVR	1975
1976	46.54 LE 3 FEV A 1920 HNE	---	---	1976
1977	46.61 LE 8 AVR	---	---	1977
1978	46.59 LE 11 JAN	---	---	1978
1979	46.63 LE 28 NOV A 1959 HNE	46.55 LE 11 JAN	46.30 LE 5 AVR	1979
1980	46.62 LE 12 FEV	---	---	1980
1981	46.57 LE 20 FEV A 2227 HNE	---	---	1981
1982	46.55 LE 7 JUL A 2036 HNE	46.52 LE 21 FEV	46.19 LE 30 DEC	1982
1983	46.61 LE 23 MAR A 0207 HNE	46.59 LE 13 JAN	46.12 LE 3 JAN	1983
1984	---	46.52 LE 21 JAN	---	1984
1985	---	---	---	1985

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
B - REVISEE DEPUIS JAN 1980

SAINT-LAURENT (FLEUVE) A GRONDINES - STATION NO. 02PC005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1934	---	---	---	---	---	---	---	---	---	1.54	---	---	---	1934
1935	---	---	---	---	---	2.10	---	---	1.65	1.62	---	---	---	1935
1936	---	---	---	---	---	2.44	---	---	1.73	1.91	---	---	---	1936
1937	---	---	---	---	2.97	2.31	2.00	1.82	1.85	1.87	---	---	---	1937
1938	---	---	---	---	2.83	2.21	1.96	2.05	1.98	1.91	---	---	---	1938
1939	---	---	---	---	---	2.46	2.25	2.20	1.83	1.97	---	---	---	1939
1940	---	---	---	---	---	2.58	2.16	1.86	1.86	1.77	---	---	---	1940
1941	---	---	---	---	2.36	2.01	1.90	1.81	1.82	1.92	---	---	---	1941
1942	---	---	---	---	2.75	2.46	2.04	1.88	1.81	1.82	---	---	---	1942
1943	---	---	---	---	---	2.99	2.43	2.29	2.08	2.16	---	---	---	1943
1944	---	---	---	---	2.62	2.15	2.07	1.97	1.92	2.01	---	---	---	1944
1945	---	---	---	---	2.95	2.60	2.18	2.03	2.06	2.36	---	---	---	1945
1946	---	---	---	---	2.55	2.30	2.02	1.97	1.62	1.94	---	---	---	1946
1947	---	---	---	---	3.78	3.67	2.71	---	2.05	1.99	---	---	---	1947
1948	---	---	---	---	2.70	2.21	2.10	2.01	1.91	1.88	---	---	---	1948
1949	---	---	---	---	2.58	2.13	1.98	1.83	1.78	1.68	---	---	---	1949
1950	---	---	---	---	2.52	2.30	2.06	1.93	1.87	1.85	---	---	---	1950
1951	---	---	---	---	3.02	2.34	2.27	2.15	1.98	2.11	---	---	---	1951
1952	---	---	---	---	---	2.75	2.22	2.19	2.06	2.10	---	---	---	1952
1953	---	---	---	---	2.72	2.21	2.05	1.94	1.85	1.86	---	---	---	1953
1954	---	---	---	---	3.00	---	---	---	2.11	---	---	---	---	1954
1955	---	---	---	---	---	2.35	---	1.99	1.86	1.96	---	---	---	1955
1956	---	---	---	---	---	---	2.21	2.10	2.18	2.07	---	---	---	1956
1957	---	---	---	---	---	2.19	2.44	---	1.95	1.96	---	---	---	1957
1958	---	---	---	---	2.34	2.23	2.14	---	---	---	---	---	---	1958
1959	---	---	---	---	---	---	1.98	---	---	---	---	---	---	1959
1960	---	---	2.42	---	---	---	2.35	2.14	---	1.85	---	---	---	1960
1961	---	2.03	2.21	---	---	2.33	2.01	2.08	---	2.03	---	---	---	1961
1962	---	---	---	---	2.43	1.91	---	---	1.84	1.94	---	1.78	---	1962
1963	1.80	1.69	---	---	---	---	1.79	1.81	1.81	1.81	2.20	1.81	---	1963
1964	1.97	1.86	2.15	2.23	2.12	1.95	---	---	---	1.80	1.72	---	---	1964
1965	1.80	---	1.90	2.05	2.20	1.88	1.74	1.80	1.78	2.13	2.23	2.11	---	1965
1966	2.16	2.13	2.51	2.59	2.38	2.14	1.86	1.92	1.85	1.85	1.98	---	---	1966
1967	---	---	---	2.77	2.71	---	2.14	---	1.90	2.26	---	---	---	1967
1968	2.80	2.21	2.46	2.91	2.30	2.05	2.03	1.94	2.02	2.00	2.18	2.02	2.23	1968
1969	2.03	2.37	2.23	2.97	3.07	2.47	---	2.23	2.16	1.97	2.32	---	---	1969
1970	---	2.03	2.10	2.83	2.87	2.35	2.21	2.17	2.13	---	2.24	2.34	---	1970
1971	2.07	2.30	2.40	2.89	3.20	2.25	1.97	1.97	2.07	2.02	2.02	2.01	2.27	1971
1972	1.84	1.92	2.37	2.92	3.44	2.83	2.70	2.56	2.37	2.42	---	2.43	---	1972
1973	2.27	2.51	---	---	---	2.78	2.60	2.47	2.30	2.34	2.20	2.27	---	1973
1974	2.19	2.27	2.67	3.29	3.86	3.23	2.63	2.32	2.16	2.10	2.41	2.50	2.84	1974
1975	2.26	2.11	2.52	3.01	2.95	2.53	2.08	2.01	---	---	2.33	---	---	1975
MOYEN	2.05	2.12	2.33	2.76	2.75	2.35	2.16	2.05	1.95	1.97	2.17	2.15	2.38	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 0.040 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 35 07
LONG 72 02 20 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SAINT-LAURENT (FLEUVE) A CORNWALL - STATION NO. 02PC001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1934	---	---	---	1934
1935	---	---	---	1935
1936	---	---	---	1936
1937	---	---	---	1937
1938	---	---	---	1938
1939	---	---	---	1939
1940	---	---	---	1940
1941	---	---	---	1941
1942	---	---	---	1942
1943	---	---	---	1943
1944	---	---	---	1944
1945	---	---	---	1945
1946	---	---	---	1946
1947	---	---	---	1947
1948	---	---	---	1948
1949	---	---	---	1949
1950	---	---	---	1950
1951	---	---	---	1951
1952	---	---	---	1952
1953	---	---	---	1953
1954	---	---	---	1954
1955	---	---	---	1955
1956	---	---	---	1956
1957	---	---	---	1957
1958	---	---	---	1958
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	3.91 LE 21 JAN	1.24 LE 27 DEC *	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	4.31 LE 28 AVR	1.50 LE 12 DEC	1973
1974	---	---	---	1974
1975	---	---	---	1975
		4.29 LE 26 MAI *	1.43 LE 2 FEV	

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 0.000 M POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A LA PRAIRIE - STATION NO 02OA041

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1967	---	---	---	---	---	---	---	---	---	---	10.39	10.26	---	1967
1968	10.81	10.49	10.03	10.34	9.84	9.82	9.90	9.97	10.02	9.94	9.92	9.96	10.09	1968
1969	10.27	10.23	10.07	10.47	10.47	10.32	10.25	10.25	10.11	9.94	9.95	9.96	10.19	1969
1970	10.22	9.89	9.87	10.17	10.24	10.04	10.08	10.07	9.97	---	10.06	10.11	---	1970
1971	10.19	10.16	10.03	10.57	10.60	10.08	9.93	9.92	9.85	9.89	9.79	9.40	10.07	1971
1972	9.90	10.05	10.02	10.50	10.82	10.45	---	---	---	---	---	---	---	1972
1973	---	---	---	---	---	---	---	---	---	10.37	10.34	10.23	---	1973
1974	10.38	10.28	10.49	10.83	11.19	10.82	10.86	10.60	---	---	10.24	10.18	10.23	1974
1975	10.68	---	---	10.80	---	10.27	10.16	---	---	---	---	---	---	1975
1976	10.34	10.39	10.85	11.08	10.85	10.56	10.53	10.37	10.26	10.27	10.16	10.14R	---	1976
1977	---	---	10.24	10.52	10.22	---	9.82	---	10.04	10.31	10.18	---	---	1977
1978	---	---	10.32	10.77	10.89	---	---	10.00	9.96	9.84	10.26	---	---	1978
1979	10.01	10.18	10.33	---	---	---	10.08	10.03	10.13	10.24	9.82	---	---	1979
1980	10.14	---	10.03	---	---	---	---	---	---	10.24	10.30	10.38	---	1980
1981	10.20	---	---	---	---	---	---	---	---	---	10.22	10.12	---	1981
1982	---	---	10.06	10.42	10.38	10.07	---	---	10.10	10.30	---	10.21	---	1982
1983	---	10.07	10.21	10.37	10.71	10.18	10.12	10.03	9.97	9.93	10.04	10.18	---	1983
1984	---	10.18	10.30	10.64	---	10.09	---	10.03	10.01	10.00	10.08	---	---	1984
1985	10.28	10.19	10.38	10.83	---	---	---	10.23	---	9.95	10.03	10.06	---	1985
MOYEN	10.23	10.10	10.19	10.58	10.64	10.29	10.14	10.12	10.09	10.10	10.12	10.12R	10.12	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 27 52
LONG 73 31 19 REGULARISE

DONNEES FOURNIES PAR - SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

R - REVISEE DEPUIS JAN 1980

REMARQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) A LA PRAIRIE - STATION NO. 020A041

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1967	10.53 LE 16 NOV	---	---	1967
1968	12.28 LE 19 JAN *	12.15 LE 19 JAN *	9.67 LE 23 DEC	1968
1969	10.75 LE 24 AVR A 2249 HNE	10.71 LE 24 AVR	9.78 LE 25 DEC	1969
1970	10.48 LE 6 MAI	---	---	1970
1971	11.31 LE 23 AVR	11.28 LE 23 AVR	9.63 LE 6 DEC *	1971
1972	11.20 LE 7 MAI	---	---	1972
1973	10.84 LE 12 FEV A 1510 HNE	---	---	1973
1974	11.41 LE 24 MAI	---	---	1974
1975	11.21R LE 21 AVR A 2150 HNE	---	---	1975
1976	11.73 LE 2 AVR A 1142 HNE	---	---	1976
1977	11.01 LE 16 MAR A 2018 HNE	---	---	1977
1978	11.16 LE 15 AVR	---	---	1978
1979	11.00 LE 26 MAR A 2355 HNE	---	---	1979
1980	10.51 LE 7 JAN A 1742 HNE	---	---	1980
1981	---	---	---	1981
1982	10.89 LE 29 AVR A 2157 HNE	10.88 LE 29 AVR	9.76 LE 12 JAN	1982
1983	11.05 LE 12 MAI A 1035 HNE	11.03 LE 12 MAI	9.84 LE 16 FEV	1983
1984	10.85 LE 18 AVR A 1820 HNE	10.80 LE 7 AVR	9.80 LE 8 JAN	1984
1985	10.77 LE 6 MAI A 1440 HNE	10.74 LE 30 AVR	---	1985

PLAN DE REFRENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

SAINT-LAURENT (FLEUVE) A LACHINE - STATION NO. 02OA040

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1919	20.83	20.58	20.65	21.23	21.78	21.44	20.87	20.65	20.59	20.62	20.75	20.81	20.90	1919
1920	20.73	20.29	20.40	20.89	20.88	20.52	20.47	20.35	20.25	20.19	20.22	20.48	20.48	1920
1921	20.58	20.40	20.89	21.19	21.13	20.68	20.47	20.34	20.19	20.16	20.12	20.33	20.54	1921
1922	20.67	20.22	20.43	21.41	21.35	20.89	20.74	20.51	20.35	20.24	20.14	20.22	20.60	1922
1923	20.31	20.18	19.97	20.71	21.36	20.91	20.47	20.26	20.19	20.02	20.03	20.20	20.39	1923
1924	20.48	20.40	20.27	21.03	21.47	20.99	20.61	20.44	20.33	20.40	20.24	20.44	20.59	1924
1925	20.17	20.11	20.62	21.04	20.92	20.72	20.45	20.26	20.09	20.07	20.23	20.41	20.43	1925
1926	20.41	20.11	19.96	20.70	21.13	20.87	20.54	20.27	20.16	20.21	20.61	20.76	20.48	1926
1927	20.72	20.42	20.71	20.80	20.82	20.86	20.69	20.54	20.27	20.24	20.61	20.78	20.62	1927
1928	20.84	20.77	20.66	21.55	21.80	21.23	20.90	20.72	20.60	20.82	20.92	20.70	20.96	1928
1929	20.91	20.84	20.96	21.55	22.00	21.39	21.14	20.89	20.72	20.63	20.69	20.70	21.04	1929
1930	21.03	20.98	20.95	21.28	21.29	21.25	21.21	20.82	20.61	20.48	20.34	20.26	20.87	1930
1931	20.38	20.26	20.11	20.48	20.50	20.42	20.23	20.10	20.01	19.94	19.96	20.02	20.20	1931
1932	20.24	20.55	20.35	21.13	20.85	20.57	20.47	20.38	20.39	20.47	20.66	20.40	20.54	1932
1933	20.33	20.23	20.13	21.17	21.09	20.56	20.25	20.13	19.95	19.88	19.76	19.98	20.28	1933
1934	19.84	19.93	20.03	21.01	20.95	20.38	20.07	19.77	19.69	19.69	19.62	19.98	20.08	1934
1935	20.17	20.01	20.13	20.37	20.33	20.17	20.19	19.99	19.84	19.76	19.77	19.87	20.05	1935
1936	20.06	19.83	20.37	20.88	21.30	20.73	20.21	19.97	19.93	20.05	20.19	20.05	20.30	1936
1937	20.54	20.54	20.43	20.87	21.13	20.67	20.45	20.39	20.25	20.20	20.49	20.49	20.54	1937
1938	20.54	20.56	20.68	21.31	21.10	20.64	20.35	20.34	20.26	20.23	20.15	20.14	20.52	1938
1939	20.42	20.26	20.17	20.94	21.27	20.81	20.57	20.45	20.21	20.16	20.11	20.09	20.46	1939
1940	20.32	20.14	19.96	20.70	20.80	20.91	20.62	20.32	20.24	20.12	20.14	20.28	20.38	1940
1941	20.64	20.39	20.15	20.91	20.63	20.28	20.18	20.09	20.03	20.11	20.28	20.17	20.32	1941
1942	20.45	20.33	20.41	20.97	20.81	20.70	20.40	20.31	20.23	20.19	20.26	20.41	20.46	1942
1943	20.76	20.67	20.73	21.17	21.86	21.48	21.08	20.89	20.78	20.63	20.71	20.78	20.96	1943
1944	20.87	20.62	20.51	20.73	20.98	20.69	20.61	20.50	20.43	20.35	20.23	20.36	20.57	1944
1945	20.42	20.53	20.80	21.18	21.24	21.14	20.82	20.68	20.64	20.86	20.81	20.89	20.83	1945
1946	20.99	20.84	21.03	21.02	20.88	20.86	20.58	20.50	20.40	20.43	20.54	20.58	20.72	1946
1947	20.89	20.88	20.64	21.54	22.02	22.10	21.38	21.01	20.83	20.88	20.89	20.70	21.10	1947
1948	20.73	20.50	20.83	21.22	21.18	20.98	20.80	20.89	20.52	20.39	20.40	20.37	20.72	1948
1949	20.82	20.75	20.78	21.30	21.02	20.66	20.53	20.27	20.21	20.15	20.07	20.19	20.54	1949
1950	20.58	---	20.81	21.21	21.05	20.89	20.72	20.57	20.45	20.42	20.83	20.71	---	1950
1951	21.04	20.74	21.10	22.10	21.48	21.04	21.09	20.81	20.74	20.70	20.98	21.01	21.07	1951
1952	21.18	21.08	21.07	21.69	21.58	21.38	21.08	20.98	20.80	20.75	20.58	20.77	21.07	1952
1953	20.92	20.96	---	21.47	21.17	20.91	20.78	20.65	20.56	20.44	20.36	20.41	---	1953
1954	20.85	20.64	20.82	21.50	21.26	21.09	20.84	20.65	20.64	20.91	20.92	20.89	20.81	1954
1955	21.09	20.81	21.02	21.83	21.21	20.94	20.74	20.61	20.52	20.55	20.77	20.74	20.90	1955
1956	20.78	20.61	20.54	21.14	21.29	21.11	20.84	20.74	20.80	20.73	20.55	20.53	20.81	1956
1957	20.95	20.73	20.72	20.73	20.74	20.66	20.92	20.53	20.49	20.45	20.53	20.57	20.67	1957
1958	20.76	---	20.56	21.02	20.59	20.51	20.48	20.36	20.34	20.39	20.35	20.61	---	1958
1959	20.32	20.45	20.29	21.14	21.00	20.78	20.61	20.38	20.28	20.20	20.42	20.61	20.54	1959
1960	20.88	20.71	20.66	21.59	21.71	21.18	21.13	20.85	20.47	20.15	20.22	20.34	20.82	1960
1961	20.82	20.52	20.40	20.70	20.93	21.07	20.93	20.71	20.64	20.48	20.29	---	---	1961
1962	---	---	20.37	20.65	20.51	20.30	20.23	20.26	20.22	20.23	20.24	20.31	---	1962
1963	20.60	20.51	20.21	20.62	20.22	20.19	20.17	20.20	20.20	20.17	20.19	20.54	20.32	1963
1964	20.54	20.42	20.26	20.25	20.13	20.13	20.08	20.09	20.07	20.08	20.04	20.07	20.19	1964
1965	20.40	20.34	---	20.15	20.18	20.00	20.04	20.17	20.25	20.66	20.83	20.82	---	1965
1966	20.89	20.78	20.94	20.93	20.58	20.48	20.32	20.35	20.31	20.29	20.38	20.78	20.58	1966
1967	20.77	20.84	20.45	21.03	20.81	20.70	20.58	20.46	20.48	20.81	21.35	21.18	20.80	1967
1968	21.09	21.07	20.90	21.29	20.76	20.58	20.77	20.78	20.83	20.74	20.70	20.77	20.68	1968
1969	21.07	20.99	20.90	21.43	21.44	21.30	21.18	21.16	20.81	20.89	20.78	20.76	21.05	1969
1970	20.95	20.78	20.84	21.03	21.14	20.90	20.91	20.90	20.77	20.84	20.92	20.88	20.90	1970
1971	21.04	20.94	20.92	21.55	21.61	20.98	20.78	20.71	20.74	20.88	20.63	20.53	20.81	1971
1972	20.71	20.88	20.85	21.47	21.83	21.45	21.52	21.42	21.32	21.28	21.36	21.15	21.27	1972
1973	21.15	21.34	21.74	21.91	21.88	21.77	21.63	21.38	21.27	21.24	21.13	21.00	21.45	1973
1974	21.18	21.22	21.45	21.88	22.19	21.88	21.88	21.37	21.21	21.14	21.08	21.13	21.44	1974
1975	20.95	20.85	21.22	21.88	21.84	21.34	---	20.85	20.90	21.00	21.07	21.048	---	1975
1976	---	21.18	21.52	22.10	21.92	21.53	---	---	21.18	21.19	21.08	20.89	---	1976
1977	21.10	---	21.10	21.52	21.17	20.73	20.60	20.58	20.87	21.26	21.20	21.11	---	1977
1978	---	21.55	21.29	21.76	21.84	21.25	20.99	20.87	---	---	20.62	20.48	---	1978
1979	20.88	21.07	21.27	21.84	21.78	21.28	20.85	20.88	21.01	21.21	21.28	21.38	21.22	1979
1980	21.08	21.01	20.97	21.47	---	21.08	---	---	21.12	---	21.17	---	---	1980
1981	21.02	21.14	21.25	21.43	21.01	20.99	20.86	20.87	21.22	21.29	21.32	21.18	21.14	1981
1982	21.05	21.11	20.94	21.41	21.25	21.07	21.00	---	20.80	20.76	20.80	21.11	---	1982
1983	20.88	20.97	21.14	21.35	---	21.48	20.97	---	20.84	20.82	20.96	21.14	---	1983
1984	---	21.15	21.22	21.86	21.52	---	21.28	21.20	21.10	20.83	20.90	20.95	---	1984
1985	21.10	21.10	21.37	---	21.58	21.20	---	21.12	21.08	21.01	21.04	---	---	1985
MOYEN	20.72	20.65	20.70	21.19	21.16	20.92	20.71	20.58	20.53	20.50	20.55	20.60R	20.70	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 25 52
LONG 73 40 18 REGULARISE

DONNEES FOURNIES PAR - SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

R - REVISEE DEPUIS JAN 1980

REMARQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) A LACHINE - STATION NO. 02OA040

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1919	---	22.05 LE 27 MAI	20.35 LE 17 FEV	1919
1920	21.24 LE 25 MAR A 2100 HNE	21.20 LE 28 MAR	19.83 LE 7 MAR	1920
1921	21.40 LE 8 MAI A 1100 HNE	21.38 LE 9 MAI	20.03 LE 2 NOV	1921
1922	22.11 LE 20 AVR A 2000 HNE	22.02 LE 21 AVR	19.85 LE 24 FEV	1922
1923	21.54 LE 24 MAI A 1715 HNE	21.49 LE 24 MAI	19.74 LE 3 MAR	1923
1924	21.82 LE 19 MAI	21.73 LE 19 MAI	19.96 LE 6 MAR	1924
1925	21.37 LE 30 MAR A 2125 HNE	21.34 LE 30 MAR	19.78 LE 11 FEV	1925
1926	21.84 LE 26 AVR A 2154 HNE	21.57 LE 26 AVR	19.82 LE 18 MAR	1926
1927	21.35 LE 20 MAR A 1427 HNE	21.35 LE 20 MAR	20.10 LE 21 FEV	1927
1928	22.10 LE 10 AVR	22.09 LE 10 AVR	20.40 LE 13 MAR	1928
1929	22.31 LE 16 MAI A 1447 HNE	22.19 LE 9 MAI	20.45 LE 28 FEV	1929
1930	21.54 LE 9 AVR A 1718 HNE	21.53 LE 9 AVR	20.17 LE 25 DEC	1930
1931	20.71 LE 30 AVR A 1223 HNE	20.68 LE 30 AVR	19.86 LE 10 MAR	1931
1932	21.88 LE 13 AVR A 2046 HNE	21.85 LE 14 AVR	19.95 LE 3 JAN	1932
1933	21.51 LE 20 AVR A 1020 HNE	21.47 LE 20 AVR	19.89 LE 7 NOV	1933
1934	21.85 LE 13 AVR A 2351 HNE	21.81 LE 14 AVR	19.52 LE 11 NOV *	1934
1935	20.87 LE 2 MAI A 1600 HNE	20.83 LE 20 AVR	19.83 LE 22 OCT	1935
1936	21.80 LE 20 MAI	21.70 LE 20 MAI	19.84 LE 19 FEV	1936
1937	21.85 LE 8 AVR	21.80 LE 8 AVR	20.06 LE 17 OCT	1937
1938	21.87 LE 27 MAR	21.81 LE 26 MAR	19.95 LE 26 DEC	1938
1939	21.81 LE 24 AVR A 2218 HNE	21.64 LE 25 AVR	19.90 LE 8 JAN	1939
1940	21.90 LE 5 JUN A 2303 HNE	21.15 LE 5 JUN	19.78 LE 3 MAR	1940
1941	21.39 LE 29 AVR A 1747 HNE	21.33 LE 29 AVR	19.91 LE 15 MAR	1941
1942	21.29 LE 20 AVR A 2133 HNE	21.24 LE 20 AVR	19.94 LE 1 MAR	1942
1943	22.53 LE 13 MAI A 2253 HNE	22.48 LE 14 MAI *	20.19 LE 22 JAN	1943
1944	21.30 LE 26 AVR A 2200 HNE	21.23 LE 15 MAI	20.12 LE 17 NOV	1944
1945	21.87 LE 5 AVR A 1302 HNE	21.78 LE 5 AVR	19.98 LE 18 JAN	1945
1946	21.52 LE 16 MAR A 2224 HNE	21.43 LE 16 MAR	20.28 LE 10 OCT	1946
1947	22.43 LE 4 JUN A 2240 HNE	22.38 LE 4 JUN	20.43 LE 9 MAR	1947
1948	21.65 LE 22 MAR A 2323 HNE	21.57 LE 23 MAR	20.26 LE 21 JAN	1948
1949	21.58 LE 7 AVR A 2146 HNE	21.50 LE 8 AVR	19.95 LE 13 NOV	1949
1950	21.87 LE 6 AVR A 2334 HNE	---	---	1950
1951	22.53 LE 17 AVR A 2019 HNE	22.47 LE 17 AVR	20.58 LE 3 OCT	1951
1952	22.08 LE 7 AVR	22.05 LE 7 AVR	20.47 LE 18 NOV	1952
1953	21.86 LE 31 MAR A 2135 HNE	---	---	1953
1954	22.06 LE 18 AVR A 1424 HNE	21.96 LE 18 AVR	20.27 LE 1 JAN	1954
1955	22.18 LE 7 AVR A 1719 HNE	22.07 LE 23 AVR	20.37 LE 15 OCT	1955
1956	21.97 LE 17 AVR A 1950 HNE	21.90 LE 1 MAI	20.24 LE 31 DEC	1956
1957	21.31 LE 6 JUL A 1342 HNE	21.24 LE 5 JUL	20.33 LE 5 OCT	1957
1958	21.34 LE 30 MAR A 2030 HNE	---	---	1958
1959	21.45 LE 11 AVR A 1803 HNE	21.37 LE 10 AVR	20.08 LE 4 MAR	1959
1960	22.01 LE 19 MAI A 1120 HNE	21.97 LE 17 MAI	20.02 LE 18 OCT	1960
1961	21.24 LE 28 MAI A 1522 HNE	---	---	1961
1962	21.30 LE 9 AVR A 2244 HNE	---	---	1962
1963	21.35 LE 5 AVR A 1229 HNE	21.31 LE 5 AVR	19.83 LE 25 MAR	1963
1964	21.12 LE 15 JAN A 2120 HNE	21.06 LE 15 JAN	19.88 LE 20 DEC	1964
1965	20.88 LE 31 DEC A 2359 HNE	---	---	1965
1966	21.34 LE 15 JAN	21.27 LE 15 JAN	20.20 LE 9 OCT	1966
1967	21.53 LE 16 NOV	21.49 LE 16 NOV	20.02 LE 28 MAR	1967
1968	21.85 LE 4 AVR A 2320 HNE	21.58 LE 2 AVR	20.32 LE 25 DEC	1968
1969	21.78 LE 24 AVR A 2245 HNE	21.72 LE 24 AVR	20.53 LE 25 DEC	1969
1970	21.41 LE 7 MAI A 1348 HNE	21.35 LE 6 MAI	20.28 LE 22 MAR	1970
1971	22.36 LE 23 AVR	22.31 LE 22 AVR	20.32 LE 6 DEC	1971
1972	22.25 LE 8 MAI A 2145 HNE	22.20 LE 7 MAI	20.44 LE 14 FEV	1972
1973	22.42 LE 19 MAR	22.38 LE 19 MAR	20.86 LE 27 DEC	1973
1974	22.49 LE 24 MAI A 1401 HNE	22.38 LE 23 MAI	20.87 LE 1 FEV	1974
1975	22.34 LE 21 AVR A 1729 HNE	---	---	1975
1976	22.80 LE 3 AVR *	---	---	1976
1977	22.00 LE 16 MAR A 1858 HNE	---	---	1977
1978	22.30 LE 14 AVR A 1742 HNE	---	---	1978
1979	22.10 LE 26 MAR A 2130 HNE	22.00 LE 2 MAI	20.48 LE 28 JAN	1979
1980	21.81 LE 17 AVR	---	---	1980
1981	21.80 LE 28 FEV A 0455 HNE	21.66 LE 26 FEV	20.58 LE 1 JAN	1981
1982	21.76 LE 29 AVR	21.72 LE 29 AVR	20.57 LE 12 JAN	1982
1983	22.08 LE 12 MAI A 0735 HNE	22.03 LE 12 MAI	20.61 LE 26 JAN	1983
1984	22.04 LE 7 AVR A 1121 HNE	22.00 LE 7 AVR	20.65 LE 6 JAN	1984
1985	21.80 LE 6 MAI A 1018 HNE	21.84 LE 6 MAI	20.40 LE 25 DEC	1985

PLAN DE REFRENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A LANDRAIE - STATION NO. 02DB011

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1897	---	---	---	---	---	5.67	5.06	4.69	4.34	4.03	---	---	---	1897
1901	---	---	---	---	5.23	5.47	4.64	4.35	4.18	4.09	4.06	---	---	1901
1913	---	---	---	---	---	5.21	4.69	4.43	4.28	---	4.50	---	---	1913
1914	---	---	---	---	5.41	4.73	4.53	4.22	4.15	4.01	---	---	---	1914
1915	---	---	---	---	---	4.54	4.32	4.25	4.19	4.14	4.04	---	---	1915
1916	---	---	---	---	5.15	5.05	5.07	4.54	4.30	4.38	---	---	---	1916
1917	---	---	---	---	5.57	5.86	5.34	4.97	4.50	---	---	---	---	1917
1918	---	---	---	---	5.89	5.13	4.98	4.41	4.50	---	---	---	---	1918
1919	---	---	---	---	---	5.94	4.87	4.52	4.47	4.87	---	---	---	1919
1920	---	---	---	---	5.83	---	---	---	---	4.83	---	---	---	1920
1921	---	---	---	---	---	---	---	---	---	---	---	---	---	1921
1922	---	---	---	---	5.52	4.89	4.49	4.27	4.18	4.14	---	---	---	1922
1923	---	---	---	---	5.53	4.61	---	4.14	3.88	---	---	---	---	1923
1924	---	---	---	---	5.95	5.21	4.78	4.45	4.24	4.10	---	---	---	1924
1925	5.10	---	5.73	---	---	5.14	4.44	4.15	4.13	---	---	---	---	1925
1926	5.85	5.38	---	---	5.44	5.31	4.80	4.39	4.41	4.51	4.18	4.98	---	1926
1927	5.15	5.91	---	5.33	---	5.22	4.98	4.58	4.33	4.06	4.13	4.38	4.82	1927
1928	7.27	7.01	5.77	5.36	5.13	5.03	4.88	4.30	4.10	4.15	4.80	5.09	---	1928
1929	5.55	5.70	5.87	---	7.03	5.90	5.12	4.81	4.68	4.19	4.23	5.28	5.31	1929
1930	5.49	6.09	6.28	5.92	5.79	5.72	5.21	4.72	4.51	5.11	5.19	4.81	5.23	1930
1931	5.77	5.51	5.03	4.80	4.82	5.54	5.48	4.82	4.67	4.48	4.83	5.66	---	1931
1932	5.31	5.61	5.31	5.13	5.33	4.57	4.24	4.22	4.22	4.35	4.13	4.90	5.75	1932
1933	5.41	5.01	4.91	6.41	6.10	4.81	4.67	4.72	4.94	4.19	4.28	4.44	5.35	1933
1934	4.96	4.63	4.91	6.41	5.81	5.00	4.56	4.46	4.26	5.09	5.35	5.43	4.68	1934
1935	5.40	5.25	5.34	5.39	5.04	4.89	4.45	4.04	3.96	4.09	4.03	4.73	5.22	1935
1936	4.86	4.52	5.71	5.80	6.38	4.67	4.67	4.38	4.20	4.09	2.97	4.86	4.91	1936
1937	5.95	5.71	5.64	6.28	6.01	5.35	4.52	4.23	4.22	4.48	4.20	4.37	4.74	1937
1938	6.29	6.30	6.35	6.38	5.83	5.06	4.68	4.62	4.45	4.41	4.70	4.97	4.75	1938
1939	5.92	5.60	5.60	6.30	6.24	4.90	4.51	4.61	4.58	4.48	4.85	5.24	4.98	1939
1940	5.12	4.97	4.69	5.64	5.71	5.22	4.87	4.78	4.38	4.37	4.27	4.45	5.24	1940
1941	5.75	5.45	5.11	5.81	5.06	5.43	4.89	4.45	4.44	4.27	4.30	4.66	5.24	1941
1942	5.83	5.60	5.71	6.03	5.51	4.62	4.44	4.38	4.34	4.44	4.38	5.66	5.18	1942
1943	5.91	5.66	5.94	6.85	6.92	5.14	4.66	4.55	4.44	4.37	4.80	4.84	4.97	1943
1944	6.17	5.76	5.42	5.46	5.48	6.07	5.32	5.05	4.90	4.80	4.52	5.03	4.91	1944
1945	5.24	5.28	5.98	5.88	5.87	4.81	4.70	4.81	4.55	4.51	4.43	5.70	5.11	1945
1946	5.40	5.86	---	---	5.25	5.49	4.84	4.75	4.78	5.18	5.04	---	5.68	1946
1947	6.18	6.10	6.69	6.83	7.23	5.08	4.67	4.64	4.50	4.58	4.71	5.60	---	1947
1948	6.08	5.84	6.14	---	5.51	7.17	5.76	5.18	4.88	4.71	4.63	4.98	5.33	1948
1949	6.04	6.35	5.74	6.07	5.40	5.06	4.80	4.71	4.55	4.41	4.40	---	---	1949
1950	---	6.80	6.10	---	5.30	4.74	4.67	4.42	4.33	4.18	---	4.48	---	1950
1951	6.17	5.72	6.00	---	5.01	4.94	4.68	4.59	4.53	4.37	4.82	4.35	---	1951
1952	7.01	6.88	6.08	6.74	5.11	5.03	5.09	4.81	4.68	4.70	5.15	4.88	---	1952
1953	6.43	6.26	6.13	6.26	5.49	5.85	5.03	5.00	4.78	4.72	4.55	5.37	---	1953
1954	6.08	---	5.72	6.30	5.79	4.82	4.89	4.61	4.49	4.56	4.19	4.85	5.61	1954
1955	5.33	6.08	6.40	7.10	5.63	5.48	4.82	4.65	4.72	5.23	5.14	4.26	5.16	1955
1956	---	5.31	5.31	---	5.63	4.93	4.64	4.58	4.45	4.49	4.73	5.06	---	1956
1957	6.20	5.98	5.49	4.86	4.73	5.32	4.83	4.70	4.70	4.85	4.42	5.01	5.27	1957
1958	6.33	5.80	5.58	5.83	4.78	4.54	5.00	4.35	4.30	4.31	4.58	---	---	1958
1959	5.01	5.13	5.06	5.87	---	4.54	4.49	4.27	4.34	4.43	---	4.85	4.83	1959
1960	---	---	---	---	---	4.76	4.41	4.28	4.19	4.17	---	5.04	---	1960
1961	---	---	---	---	---	5.15	5.03	4.67	4.27	4.03	4.08	---	---	1961
1962	5.55	5.23	5.22	5.44	5.18	4.90	4.76	4.52	4.50	4.34	4.07	---	---	1962
1963	---	5.13	4.89	5.39	4.94	4.18	---	4.09	4.01	4.09	4.25	4.40	---	1963
1964	---	4.98	4.85	5.53	4.59	4.10	3.95	4.02	4.09	4.00	4.38	4.53	---	1964
1965	4.85	4.95	4.90	4.86	4.35	4.09	3.98	3.88	3.81	3.85	---	---	---	1965
1966	5.78	5.89	4.38	4.26	4.37	3.89	3.83	4.05	4.27	4.88	4.76	4.84	4.42	1966
1967	5.22	5.51	5.59	5.35	4.90	4.59	4.27	4.44	4.35	4.27	4.49	5.17	4.90	1967
1968	6.23	5.61	5.42	---	---	---	---	---	4.36	4.93	5.58	5.40	---	1968
1969	---	5.48	5.49	5.82	4.92	4.57	4.88	4.55	4.53	4.52	4.67	---	---	1969
1970	---	5.14	4.92	5.68	5.80	5.38	5.09	4.99	4.78	4.51	4.88	5.07	---	1970
1971	---	5.85	5.54	5.18	6.31	5.05	4.89	4.81	4.84	4.77	4.85	---	---	1971
1972	4.77	5.15	5.48	6.02	6.66	4.85	4.50	4.50	---	---	4.38	4.56	---	1972
1973	5.14	6.10	6.60	6.47	---	5.68	5.65	5.46	5.18	5.23	5.50	5.82	5.84	1973
1974	5.27	---	---	6.48	---	---	5.56	5.26	5.08	5.12	4.86	5.21	---	1974
1975	---	5.22	5.45	5.86	7.24	---	5.54	5.14	---	4.84	5.07	---	---	1975
MOYEN	5.81	5.87	5.83	5.84	5.71	5.31	4.70	---	4.59	4.80	---	---	---	MOYEN
						5.08	4.77	4.54	4.43	4.45	4.81	4.89	5.13	

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 0.057 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 57 34
LONG 73 12 54

REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SAINT-LAURENT (FLEUVE) A LANDRATE - STATION NO 02OB011

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1897	---	---	---	1897
1901	---	---	---	1901
1913	---	---	---	1913
1914	---	---	---	1914
1915	---	---	---	1915
1916	---	---	---	1916
1917	---	---	---	1917
1918	---	---	---	1918
1919	---	---	---	1919
1920	---	---	---	1920
1921	---	---	---	1921
1922	---	---	---	1922
1923	---	---	---	1923
1924	---	---	---	1924
1925	---	---	---	1925
1926	---	---	---	1926
1927	---	7.90 LE 20 MAR	3.97 LE 6 OCT	1927
1928	---	---	---	1928
1929	---	8.26 LE 25 MAR *	4.08 LE 30 NOV	1929
1930	---	7.04 LE 11 JAN	3.90 LE 30 NOV	1930
1931	---	6.03 LE 20 JAN	4.00 LE 8 SEP	1931
1932	---	7.07 LE 13 AVR	4.51 LE 2 JUL	1932
1933	---	7.00 LE 20 AVR	3.81 LE 13 NOV	1933
1934	---	7.58 LE 14 AVR	3.64 LE 30 OCT	1934
1935	---	5.74 LE 11 JAN	3.86 LE 22 OCT	1935
1936	---	7.51 LE 24 MAR	4.05 LE 27 SEP	1936
1937	---	7.44 LE 9 AVR	4.12 LE 18 OCT	1937
1938	---	7.92 LE 28 MAR	4.06 LE 4 DEC	1938
1939	---	7.68 LE 25 AVR	4.03 LE 27 NOV	1939
1940	---	6.51 LE 21 AVR	4.13 LE 28 OCT	1940
1941	---	6.32 LE 1 JAN	4.15 LE 1 OCT	1941
1942	---	6.41 LE 2 MAI	4.22 LE 7 SEP	1942
1943	---	7.46 LE 15 MAI	4.62 LE 12 OCT	1943
1944	---	---	---	1944
1945	---	6.97 LE 22 MAR	4.57 LE 17 SEP	1945
1946	---	---	---	1946
1947	---	---	---	1947
1948	---	---	---	1948
1949	---	---	---	1949
1950	---	--	---	1950
1951	---	---	---	1951
1952	---	7.56 LE 20 JAN	4.30 LE 14 NOV	1952
1953	---	7.12 LE 29 MAR	4.03 LE 16 NOV	1953
1954	---	---	---	1954
1955	---	7.38 LE 25 AVR	4.26 LE 27 SEP	1955
1956	---	---	---	1956
1957	---	6.68 LE 23 JAN	4.12 LE 22 AOU	1957
1958	---	---	---	1958
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	--	---	1964
1965	---	5.42 LE 11 FEV	3.56 LE 29 MAR *	1965
1966	---	6.33 LE 29 JAN	4.11 LE 9 OCT	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	7.17 LE 10 MAI	4.56 LE 15 JAN	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 0.057 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A LASALLE - STATION NO. 02OA018

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1933	0.910	0.773	0.719	1.614	1.549	1.117	0.853	0.752	0.636	0.541	0.445	0.611	0.877	1933
1934	0.527	0.690	0.662	1.468	1.427	0.968	0.715	0.467	0.395	0.391	0.347	0.610	0.723	1934
1935	0.808	0.628	0.775	0.946	0.930	0.778	0.802	0.649	0.519	0.470	0.445	0.497	0.688	1935
1936	0.643	0.477	0.917	1.355	1.714	1.253	0.828	0.626	0.585	0.681	0.805	0.616	0.876	1936
1937	0.995	0.882	0.949	1.350	1.571	1.197	1.021	0.973	0.850	0.806	1.045	0.970	1.059	1937
1938	1.086	0.861	1.150	1.705	1.541	1.168	0.929	0.819	0.848	0.835	0.771	0.738	1.053	1938
1939	0.946	0.773	0.712	1.401	1.674	1.303	1.110	1.020	0.811	0.767	0.732	0.674	0.995	1939
1940	0.836	0.670	0.571	1.189	1.246	1.338	1.110	0.859	0.792	0.694	0.698	0.778	0.898	1940
1941	0.980	0.787	0.647	1.299	1.080	0.786	0.717	0.645	0.581	0.648	0.807	0.687	0.806	1941
1942	0.851	0.766	0.898	1.342	1.225	1.142	0.888	0.832	0.758	0.719	0.776	0.834	0.920	1942
1943	1.195	1.097	1.134	1.483	2.051	1.350	1.441	1.283	1.196	1.070	1.137	1.092	1.329	1943
1944	1.159	0.890	0.912	1.122	1.342	1.108	1.048	0.983	0.896	0.833	0.741	0.784	0.984	1944
1945	0.848	0.855	1.179	1.479	1.551	1.489	1.222	1.111	1.070	1.249	1.220	1.193	1.215	1945
1946	1.246	1.118	1.376	1.374	1.260	1.258	1.034	0.958	0.876	0.888	0.993	1.001	1.116	1946
1947	1.201	1.135	1.054	1.778	2.154	2.245	1.673	1.371	1.232	1.119	1.042	1.051	1.422	1947
1948	1.060	0.801	1.177	1.535	1.485	1.350	1.208	1.128	0.976	0.879	0.881	0.849	1.120	1948
1949	0.960	1.086	1.140	1.590	1.383	1.079	0.983	0.771	0.718	0.673	0.605	0.702	0.973	1949
1950	0.910	0.805	0.977	1.524	1.373	1.225	1.080	0.971	0.901	0.850	0.824	1.046	1.058	1950
1951	1.154	1.004	1.364	2.203	1.726	1.393	1.428	1.207	1.137	1.109	1.317	1.276	1.361	1951
1952	1.333	1.320	1.368	1.872	1.790	1.660	1.411	1.306	1.171	1.153	1.022	1.162	1.380	1952
1953	1.169	1.232	1.389	1.721	1.480	1.278	1.163	1.066	1.008	0.901	0.848	0.885	1.178	1953
1954	0.977	0.982	1.262	1.734	1.551	1.438	1.221	1.063	1.049	1.269	1.284	1.242	1.257	1954
1955	1.242	1.103	1.334	2.002	1.521	1.308	1.146	1.041	0.974	0.978	1.160	1.071	1.240	1955
1956	1.048	0.961	0.992	1.435	1.548	1.434	1.219	1.121	1.163	1.088	0.937	0.915	1.155	1956
1957	1.129	0.985	1.057	1.061	1.082	1.017	1.204	0.903	0.877	0.841	0.900	0.925	0.999	1957
1958	0.988	0.903	0.923	1.304	0.975	0.915	0.889	0.787	0.766	0.799	0.776	0.892	0.909	1958
1959	0.660	0.707	0.705	1.412	1.293	1.143	0.989	0.800	0.714	0.662	0.839	0.974	0.909	1959
1960	1.070	0.976	0.958	1.749	1.853	1.437	1.396	1.157	0.843	0.581	0.843	0.691	1.113	1960
1961	0.888	0.848	0.763	1.030	1.210	1.348	1.223	1.043	0.989	0.858	0.710	0.784	0.985	1961
1962	0.856	0.843	0.744	0.990	0.873	0.717	0.650	0.675	0.841	0.639	0.654	0.661	0.745	1962
1963	0.836	0.764	0.589	0.944	0.826	0.612	0.605	0.621	0.625	0.601	0.620	0.842	0.690	1963
1964	0.921	0.719	0.849	0.840	0.546	0.568	0.516	0.526	0.513	0.518	0.484	0.490	0.580	1964
1965	0.643	0.639	0.387	0.664	0.580	0.449	0.478	0.583	0.850	0.904	0.880	0.936	0.642	1965
1966	1.048	0.997	1.198	1.195	0.924	0.827	0.705	0.730	0.705	0.988	0.757	1.058	0.902	1966
1967	0.956	1.076	0.777	1.269	1.187	1.024	0.923	0.824	0.841	1.113	1.551	1.409	1.079	1967
1968	1.184	1.201	1.141	1.478	1.085	0.931	1.082	1.078	1.133	1.058	1.034	1.030	1.117	1968
1969	1.226	1.181	1.146	1.600	1.613	1.497	1.411	1.378	1.200	1.032	1.113	1.059	1.288	1969
1970	1.083	1.013	0.965	1.289	1.381	1.196	1.187	1.193	1.087	1.150	1.214	1.219	1.166	1970
1971	1.196	1.153	1.185	1.688	1.742	1.261	1.075	1.039	1.067	1.016	0.897	0.881	1.183	1971
1972	0.914	1.009	1.104	1.638	1.921	1.624	1.683	1.602	1.524	1.482	1.559	1.308	1.449	1972
1973	1.267	1.426	1.834	1.980	1.963	1.879	1.764	1.547	1.479	1.455	1.374	1.245	1.602	1973
1974	1.314	1.349	1.586	1.937	2.195	1.973	1.736	1.560	1.428	1.378	1.318	1.379	1.597	1974
1975	1.187	1.115	1.423	1.731	1.684	1.546	1.280	1.171	1.192	1.282	1.327	1.240	1.349	1975
1976	1.184	1.307	1.622	2.138	2.005	1.781	1.726	1.536	1.420	1.422	1.338	1.046	1.544	1976
1977	1.300	0.918	1.352	1.668	1.400	1.076	0.959	0.996	1.168	1.492	1.444	1.265	1.255	1977
1978	1.369	1.500	1.444	1.855	1.780	1.497	1.289	1.213	1.149	1.132	0.983	0.802	1.333	1978
MOYEN	1.031	0.975	1.048	1.472	1.437	1.248	1.110	1.001	0.938	0.929	0.943	0.944	1.080	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 17.678 m POUR OBTENIR LES COTES INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 24 54
LONG 73 37 25

REGULARISE

REMARQUES - LA VILLE DE MONTREAL A RECUEILLE DES DONNEES SUPPLEMENTAIRES SUR LES NIVEAX D'EAU DE 1880 A 1932

SAINT-LAURENT (FLEUVE) A LASALLE - STATION NO. 02OA016

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1933	1.878 LE 19 AVR A 1700 HNE	1.872 LE 20 AVR	0.375 LE 27 NOV	1933
1934	1.991 LE 13 AVR A 2349 HNE	1.951 LE 14 AVR	0.258 LE 11 NOV	1934
1935	1 186 LE 21 AVR A 0021 HNE	1 171 LE 3 MAI	0.317 LE 23 DEC	1935
1936	2 070 LE 20 MAI A 0115 HNE	2.024 LE 20 MAI	0 182 LE 20 FEV	1936
1937	1.881 LE 8 AVR A 0024 HNE	1.945 LE 8 AVR	0.682 LE 17 OCT	1937
1938	2 174 LE 27 MAR A 0142 HNE	2.128 LE 28 MAR	0.540 LE 6 MAR	1938
1939	1.948 LE 24 AVR A 2200 HNE	1.893 LE 26 AVR	0.543 LE 8 JAN	1939
1940	1 558 LE 5 JUN A 2318 HNE	1.524 LE 5 JUN	0.424 LE 3 MAR	1940
1941	1 586 LE 29 AVR A 1800 HNE	1.646 LE 30 AVR	0.381 LE 16 FEV	1941
1942	1.807 LE 20 AVR A 2225 HNE	1.567 LE 20 AVR	0.516 LE 2 MAR	1942
1943	2 588 LE 13 MAI A 2400 HNE *	2 542 LE 14 MAI *	0.826 LE 9 MAR	1943
1944	1.801 LE 28 AVR A 2241 HNE	1.540 LE 15 MAI	0.847 LE 17 NOV	1944
1945	2 030 LE 5 AVR A 1806 HNE	1 948 LE 5 AVR	0.516 LE 19 JAN	1945
1946	1 780 LE 17 MAR A 0121 HNE	1 704 LE 18 MAR	0 772 LE 11 OCT	1946
1947	2 472 LE 4 JUN A 1818 HNE	2 430 LE 4 JUN	0.802 LE 24 FEV	1947
1948	1.890 LE 22 MAR A 2355 HNE	1.829 LE 24 MAR	0.708 LE 1 FEV	1948
1949	1.811 LE 7 AVR A 2400 HNE	1.756 LE 8 AVR	0.500 LE 13 NOV	1949
1950	1.902 LE 6 AVR A 2047 HNE	1 838 LE 8 AVR	0.671 LE 1 JAN	1950
1951	2.533 LE 17 AVR A 1900 HNE	2 487 LE 17 AVR	0.758 LE 3 FEV	1951
1952	2.174 LE 7 AVR A 0500 HNE	2 184 LE 7 AVR	0.827 LE 19 NOV	1952
1953	2.027 LE 28 MAR A 2141 HNE	1 966 LE 1 AVR	0.772 LE 7 NOV	1953
1954	2 152 LE 18 AVR A 1700 HNE	2.087 LE 18 AVR	0.704 LE 30 JAN	1954
1955	2 247 LE 7 AVR A 2330 HNE	2 185 LE 24 AVR	0 854 LE 8 OCT	1955
1956	1 765 LE 17 AVR A 2000 HNE	1 738 LE 1 MAI	0.628A LE 31 DEC	1956
1957	---	1 494 LE 6 JUL	0.720 LE 5 OCT	1957
1958	---	1 488 LE 5 AVR	0.856 LE 1 MAR	1958
1959	---	1 501A LE 11 AVR	0.478A LE 8 JAN	1959
1960	2 082 LE 20 MAI A 0930 HNE	2.061 LE 17 MAI	0.473 LE 19 OCT	1960
1961	1 442 LE 17 JUN A 0145 HNE	1.406 LE 17 JUN	0.558 LE 20 MAR	1961
1962	1 503 LE 10 AVR A 0300 HNE	1.454 LE 10 AVR	0.516 LE 28 MAI	1962
1963	1 530 LE 5 AVR A 1350 HNE	1 491 LE 5 AVR	0.372 LE 17 MAR	1963
1964	1 363 LE 2 JAN A 0200 HNE	1.332 LE 2 JAN	0.278 LE 20 DEC	1964
1965	1 165 LE 31 DEC A 2350 HNE	1.061 LE 25 OCT	0.156 LE 26 MAR *	1965
1966	1.470 LE 26 MAR A 0605 HNE	1 430 LE 25 MAR	0.618 LE 9 OCT	1966
1967	1 683 LE 15 NOV A 2030 HNE	1 662 LE 15 NOV	0.470 LE 26 MAR	1967
1968	1 726 LE 5 AVR A 0659 HNE	1 713 LE 2 AVR	0.692 LE 25 DEC	1968
1969	1 866 LE 24 AVR A 2230 HNE	1.826 LE 24 AVR	0.881 LE 25 DEC	1969
1970	1 584 LE 6 MAI A 1625 HNE	1.555 LE 7 MAI	0 701 LE 22 MAR	1970
1971	2 311 LE 23 AVR A 1905 HNE	2.292 LE 22 AVR	0.720 LE 6 DEC	1971
1972	2.222 LE 7 MAI A 0030 HNE	2 213 LE 7 MAI	0.720 LE 2 JAN	1972
1973	2 375 LE 19 MAR A 0500 HNE	2 347 LE 19 MAR	0.815 LE 25 DEC	1973
1974	2 384 LE 24 MAI A 1356 HNE	2.350 LE 23 MAI	1.072 LE 1 FEV	1974
1975	2 286 LE 21 AVR A 1847 HNE	2.259 LE 21 AVR	0 863 LE 27 JAN	1975
1976	2 542 LE 2 AVR A 0758 HNE	2.521 LE 2 AVR	0.820 LE 14 DEC	1976
1977	2 049 LE 16 MAR A 1845 HNE	2 018 LE 16 MAR	0.604 LE 27 FEV	1977
1978	---	2.180 LE 14 AVR	0.549 LE 20 DEC	1978

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 17.678 m POUR OBTENIR LES COTES INTERNATIONAL DES GRANDS LACS (1955)

A - JAUGE MANUELLE
(VOIR INDEX DE REFRENCE)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A LAVALTRIE - STATION NO. 02OB010

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1961	---	---	---	---	---	5.13	4.97	4.72	4.70	4.54	4.26	4.58	---	1961
1962	5.89	---	5.18	---	5.12	4.37	4.22	4.24	4.13	4.24	4.41	4.73	---	1962
1963	5.62	5.42	5.13	5.78	4.76	4.24	4.10	4.13	4.26	4.14	4.63	4.80	4.74	1963
1964	5.62	5.20	5.09	4.84	4.50	4.23	4.12	4.03	---	3.95	---	---	---	1964
1965	4.99	5.15	4.60	4.45	4.55	---	3.98	4.20	4.42	5.04	4.93	5.01	---	1965
1966	6.08	6.14	---	5.53	5.07	4.75	4.42	4.58	4.48	4.42	4.64	5.34	---	1966
1967	5.36	5.80	5.64	5.95	5.67	5.15	4.91	4.67	4.51	5.10	5.78	5.60	5.41	1967
1968	6.45	6.88	6.74	6.18	5.13	4.75	4.85	4.73	4.82	4.70	4.85	5.16	5.27	1968
1969	6.15	6.66	6.38	6.28	6.30	5.56	5.30	5.19	4.85	4.69	5.16	5.23	5.49	1969
1970	5.44	5.30	5.08	5.85	6.00	5.24	5.09	5.01	4.82	4.87	5.06	5.53	5.28	1970
1971	5.89	6.17	5.82	6.37	6.49	5.16	4.67	4.68	4.81	4.67	4.55	4.73	5.34	1971
1972	5.01	5.34	5.67	6.23	6.85	5.89	5.58	5.68	5.40	5.45	5.72	5.82	5.75	1972
1973	6.38	6.33	6.83	6.70	6.64	6.07	5.79	5.45	5.28	5.32	5.17	5.42	5.85	1973
1974	5.47	5.45	6.02	6.58	7.49	6.55	5.75	5.36	5.10	5.03	5.26	---	---	1974
1975	---	5.43	5.70	6.20	---	5.52	4.90	4.74	4.77	4.88	5.16	---	---	1975
1976	---	---	6.59	---	---	---	---	---	---	---	---	---	---	1976
1977	---	---	---	---	---	---	---	---	---	---	5.34	---	---	1977
1978	---	6.09	5.88	6.56	6.24	---	---	4.82	4.72	4.76	4.56	4.53	---	1978
1979	5.20	5.26	5.85	6.40	6.45	5.46	4.86	4.93	5.17	5.29	5.43	5.67	5.51	1979
1980	5.27	5.11	5.21	5.91	6.63	4.97	5.02	5.16	5.21	5.37	5.32	5.28	5.28	1980
1981	5.89	5.85	5.78	6.08	6.53	5.37	4.94	5.08	5.27	5.38	5.54	5.21	5.50	1981
1982	6.08	5.23	5.20	6.05	6.68	---	4.88	4.70	4.69	4.64	4.86	5.26	---	1982
1983	5.10	5.35	5.53	5.85	6.83	5.84	4.85	---	4.75	4.74	5.21	5.37	---	1983
1984	5.12	5.43	5.57	5.45	5.91	5.86	5.44	5.24	5.07	4.72	4.83	4.97	5.37	1984
1985	---	5.70	---	6.04	6.02	5.18	5.09	5.19	4.89	4.87	5.04	4.87	---	1985
MOYEN	5.58	5.64	5.58	6.02	5.85	5.26	4.82	4.84	4.83	4.83	5.03	5.16	5.41	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 53 00
LONG 73 16 25 REGULARISE

DONNEES FOURNIES PAR - SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

R - REVISEE DEPUIS JAN 1980

REMARQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) A LAVALTRIE - STATION NO. 020B010

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1961	5.95 LE 5 MAI A 1930 HNE	---	---	1961
1962	6.70 LE 18 JAN	---	---	1962
1963	5.93 LE 6 AVR A 1118 HNE	6.91 LE 6 AVR	---	1963
1964	6.01 LE 30 JAN A 1035 HNE	---	3.80 LE 1 ADU *	1964
1965	---	---	---	1965
1966	5.62 LE 11 FEV A 1413 HNE	---	---	1966
1967	7.48 LE 3 FEV	---	---	1967
1968	7.47 LE 3 JAN	---	---	1968
1969	7.58 LE 26 JAN A 1545 HNE	7.28 LE 16 FEV	4.35 LE 21 SEP	1969
	7.26 LE 16 JAN	7.65 LE 26 JAN	4.44 LE 16 OCT	
1970	---	7.24 LE 16 JAN	4.51 LE 19 OCT	1970
1971	6.73 LE 26 DEC A 1455 HNE	---	---	1971
1972	7.84 LE 24 AVR A 1445 HNE	6.89 LE 6 MAI	4.65 LE 13 SEP	1972
1973	7.43 LE 11 MAI	7.80 LE 24 AVR	4.40 LE 11 DEC	1973
1974	7.98 LE 19 MAR A 1922 HNE	7.39 LE 10 MAI	4.78 LE 16 JAN	1974
	7.84 LE 26 MAI A 1937 HNE	7.91 LE 19 MAR *	5.03 LE 5 NOV	
1975	---	7.78 LE 26 MAI	4.86 LE 29 OCT	1975
1976	7.14 LE 26 AVR A 2340 HNE	---	---	1976
1977	8.07 LE 31 MAR *	---	---	1977
1978	6.00 LE 19 OCT	---	---	1978
1979	7.19 LE 22 AVR	---	---	1979
	7.05 LE 2 MAI A 2026 HNE	7.01 LE 2 MAI	4.74 LE 1 ADU	
1980	---	---	---	1980
1981	5.56 LE 17 AVR	6.54 LE 17 AVR	4.71 LE 12 MAR	1981
1982	7.62 LE 10 JAN A 1630 HNE	7.56 LE 10 JAN	4.69 LE 26 JUL	1982
1983	6.67 LE 29 AVR A 1201 HNE	6.66 LE 29 AVR	4.37 LE 26 OCT	1983
1984	7.44 LE 12 MAI A 1900 HNE	7.43 LE 12 MAI	4.57 LE 31 OCT	1984
	7.19 LE 18 AVR A 1040 HNE	7.17 LE 18 AVR	4.44 LE 4 NOV	
1985	---	---	---	1985
	6.84 LE 4 MAI A 1930 HNE	6.83 LE 4 MAI	4.49 LE 28 DEC	

PLAN DE REFRENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A LONGUE-POINTE - STATION NO. 020A048

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	---	---	6.12	---	---	---	5.04	5.12	5.21	5.08	5.37	5.85	---	1963
1964	7.17	6.33	5.98	5.63	5.30	5.12	5.02	4.96	4.91	4.93	4.85	5.21	5.45	1964
1965	6.19	6.45	5.56	5.30	5.35	4.89	4.86	5.13	5.35	6.00	---	---	---	1965
MOYEN	6.68	6.39	5.89	5.47	5.33	5.01	4.98	5.07	5.16	5.34	5.11	5.53	5.45	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 0.076 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 34 58
LONG 73 30 26 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SAINT-LAURENT (FLEUVE) A LONGUE-POINTE - STATION NO 020A048

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	---	---	1963
1964	---	---	4.63 LE 16 NOV *	1964
1965	---	8.07 LE 3 JAN *	---	1965

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 0.076 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A MONTREAL (JETEE NO. 1) - STATION NO 020A046

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1970	6.80	6.66	6.47	7.14	7.26	6.58	6.52	6.48	6.23	6.37	6.46	6.88	6.66	1970
1971	7.38	7.90	7.28	7.81	7.84	6.53	6.08	6.10	6.20	6.07	5.89	6.05	6.75	1971
1972	6.36	6.65	7.09	7.67	8.26	7.33	7.40	7.21	6.96	6.97	7.22	7.18	7.19	1972
1973	7.66	7.78	8.30	8.21	8.14	7.69	7.44	7.04	6.88	6.85	6.71	6.84	7.46	1973
1974	6.92	6.95	7.59	8.15	8.87	8.06	7.35	6.97	6.68	6.60	6.71	6.86	7.31	1974
1975	6.69	6.86	7.16	7.66	7.53	7.02	6.43	6.27	6.29	6.49	6.51	6.80R	6.82R	1975
1976	8.13	8.04	8.21	8.75	8.12	7.36	7.30	7.00	6.73	6.79	6.60	6.41	7.45	1976
1977	6.71	6.31	7.17	7.65	6.91	6.13	5.69	6.02	6.34	6.99	6.80	6.93	6.66	1977
1978	7.37	7.67	7.21	7.96	7.64	6.81	6.43	6.27	6.16	6.17	5.92	5.81	6.78	1978
1979	6.47	6.63	7.26	7.80	7.91	6.92	6.44	6.37	6.62	6.83	6.96	7.18	6.95	1979
1980	6.68	6.51	6.59	7.35	7.10	6.45	6.50	6.67	6.76	6.86	6.82	6.67	6.75	1980
1981	7.40	7.51	7.19	7.46	6.80	6.70	6.35	6.54	6.84	6.91	7.03	6.71	6.95	1981
1982	6.46	6.67	6.62	7.41	7.02	6.45	6.35	6.15	6.15	6.08	6.31	6.71	6.53	1982
1983	6.45	6.66	6.90	7.31	6.12	7.32	6.39	6.31	6.43	6.20	6.58	6.76	6.77	1983
1984	6.48	6.86	7.07	7.89	7.34	7.13	6.90	6.75	6.58	6.16	6.28	6.44	6.82	1984
1985	6.87	7.04	7.20	7.50	7.46	6.66	6.63	6.69	6.50	6.44	6.51	6.46	6.84	1985
MOYEN	6.93	7.04	7.21	7.73	7.65	6.95	6.65	6.55	6.51	6.55	6.59	6.67R	6.92R	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1985)

LOCATION - LAT 45 30 17
LONG 73 33 05 REGULARISE

DONNEES FOURNIES PAR -
SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

R - REVISEE DEPUIS JAN 1980

REMARQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) A MONTREAL (JETEE NO. 1) - STATION NO. 02OA046

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1970	8.00 LE 5 MAI A 2255 HNE	7.89 LE 6 MAI	5.11 LE 13 SEP	1970
1971	9.58 LE 5 FEV A 1121 HNE	9.15 LE 1 FEV	5.68 LE 11 DEC	1971
1972	8.67 LE 10 MAI	8.63 LE 10 MAI	5.05 LE 16 JAN	1972
1973	9.38 LE 19 MAR A 1700 HNE	9.33 LE 19 MAR	5.58 LE 19 NOV	1973
1974	9.20 LE 22 MAI A 2400 HNE	9.18 LE 23 MAI	5.43 LE 29 OCT	1974
1975	8.67 LE 22 AVR	8.60 LE 22 AVR	5.15 LE 21 AOU	1975
1976	10.29 LE 23 JAN *	9.82 LE 3 AVR *	6.00 LE 6 DEC	1976
1977	8.54 LE 18 MAR A 1500 HNE	8.45 LE 18 MAR	5.82 LE 11 JUL	1977
1978	8.95 LE 8 FEV A 1300 HNE	8.85 LE 8 FEV	5.55 LE 20 DEC *	1978
1979	8.45 LE 2 MAI A 1500 HNE	8.42 LE 2 MAI	6.03 LE 11 JAN	1979
1980	8.01 LE 17 AVR	7.95 LE 17 AVR	6.12 LE 12 MAR	1980
1981	9.85 LE 12 JAN A 1815 HNE	9.55 LE 12 JAN	6.13 LE 25 JUL	1981
1982	8.04 LE 28 AVR A 1000 HNE	8.01 LE 29 AVR	5.85 LE 25 OCT	1982
1983	8.75 LE 12 MAI A 0900 HNE	8.72 LE 12 MAI	6.04 LE 31 OCT	1983
1984	8.60 LE 19 AVR	8.51 LE 18 AVR	5.91 LE 4 NOV	1984
1985	8.08 LE 3 MAI	8.08 LE 3 MAI	5.89 LE 25 DEC	1985

PLAN DE REFRENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A NEUVILLE - STATION NO. 02PC007

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1914	---	---	---	---	---	1.04	0.92	0.82	0.80	0.80	---	---	---	1914
1915	---	---	---	---	1.28	1.05	0.94	0.85	0.78	---	0.90	---	---	1915
1916	---	---	---	---	---	1.48	1.15	0.97	0.89	0.84	---	---	---	1916
1917	---	---	---	---	---	1.45	1.26	1.10	0.83	1.03	---	---	---	1917
1918	---	---	---	---	---	1.23	1.23	0.89	0.98	1.05	---	---	---	1918
1919	---	---	---	---	---	---	1.12	0.98	0.94	0.97	---	---	---	1919
1920	---	---	---	---	1.37	1.11	---	0.90	---	---	---	---	---	1920
1921	---	---	---	---	---	1.00	0.88	0.78	0.78	0.92	---	---	---	1921
1922	---	---	---	---	1.40	1.28	1.02	0.81	0.80	0.80	---	---	---	1922
1923	---	---	---	---	---	1.15	0.88	0.81	0.82	0.75	---	---	---	1923
1924	---	---	---	---	1.64	1.20	0.83	0.89	0.89	---	---	---	---	1924
1925	---	---	---	---	1.31	1.18	1.02	0.92	0.84	0.95	---	---	---	1925
1926	---	---	---	---	---	1.17	0.88	0.87	0.78	0.85	---	---	---	1926
1927	---	---	---	---	---	1.13	1.01	0.84	0.81	0.83	---	---	---	1927
1928	---	---	---	---	1.80	1.37	1.08	1.01	0.94	1.03	---	---	---	1928
1929	---	---	---	---	1.64	1.38	1.10	0.87	0.89	0.95	---	---	---	1929
1930	---	---	---	---	1.45	---	1.21	1.03	0.87	0.88	---	---	---	1930
1931	---	---	---	---	1.12	1.01	0.88	0.78	0.82	0.77	---	---	---	1931
1932	---	---	---	---	---	1.03	0.87	0.84	0.87	1.02	---	---	---	1932
1933	---	---	---	---	1.46	1.12	0.87	0.82	0.82	0.81	---	---	---	1933
1934	---	---	---	---	1.34	1.09	0.88	0.88	0.89	0.70	---	---	---	1934
1935	---	---	---	---	1.11	1.01	0.88	0.80	0.75	0.88	---	---	---	1935
1936	---	---	---	---	1.55	1.17	0.82	---	0.78	0.86	---	---	---	1936
1937	---	---	---	---	1.48	---	0.84	0.88	0.86	0.86	---	---	---	1937
1938	---	---	---	---	1.48	1.04	0.83	0.98	0.90	0.88	---	---	---	1938
1939	---	---	---	---	---	1.18	1.07	1.05	0.91	0.92	---	---	---	1939
1940	---	---	---	---	1.53	1.27	0.98	0.82	0.90	0.83	---	---	---	1940
1941	---	---	---	---	1.18	1.00	0.87	0.82	0.82	0.88	---	---	---	1941
1942	---	---	---	---	1.38	1.25	0.97	0.84	0.81	0.81	---	---	---	1942
1943	---	---	---	---	1.76	1.48	1.13	1.08	0.93	1.08	---	---	---	1943
1944	---	---	---	---	1.23	1.02	0.98	0.93	---	0.97	---	---	---	1944
1945	---	---	---	---	1.50	1.28	1.00	0.81	0.94	1.13	---	---	---	1945
1946	---	---	---	---	1.24	1.08	0.85	0.83	0.80	0.88	---	---	---	1946
1947	---	---	---	---	1.84	1.77	1.25	---	0.95	---	---	---	---	1947
1948	---	---	---	---	1.35	1.11	0.98	0.81	0.85	---	---	---	---	1948
1949	---	---	---	---	1.24	0.98	0.88	0.85	0.81	0.72	---	---	---	1949
1950	---	---	---	---	1.18	1.05	0.83	0.87	0.82	0.82	---	---	---	1950
1951	---	---	---	---	1.48	1.14	1.05	0.98	0.87	0.89	---	---	---	1951
1952	---	---	---	---	1.85	1.34	0.98	0.87	0.92	0.97	---	---	---	1952
1953	---	---	---	---	1.37	1.05	0.95	0.87	0.87	0.86	---	---	---	1953
1954	---	---	---	---	1.85	1.38	1.10	1.04	0.88	1.18	---	---	---	1954
1955	---	---	---	---	---	1.18	0.95	0.82	0.81	0.88	---	---	---	1955
1956	---	---	---	---	---	---	1.03	---	1.00	0.93	---	---	---	1956
1957	---	---	---	---	---	1.05	1.17	---	0.82	0.90	---	---	---	1957
1958	---	---	---	---	1.15	1.12	1.05	0.86	1.00	1.04	---	---	---	1958
1959	---	---	---	---	1.15	1.15	0.86	0.97	0.88	0.95	---	---	---	1959
1960	---	---	1.38	---	1.79	1.28	1.08	---	---	---	---	---	---	1960
1961	---	0.97	---	---	---	---	---	---	---	0.91	---	---	---	1961
1962	---	0.80	0.94	1.35	---	---	0.98	0.89	0.87	0.97	0.98	---	---	1962
1963	---	0.57	0.80	1.38	---	0.82	0.86	---	---	0.83	1.11	---	---	1963
1964	---	---	---	1.03	1.04	0.91	0.89	0.81	0.87	0.77	0.78	---	---	1964
1965	---	---	---	0.82	1.00	0.85	0.75	0.81	0.85	1.12	1.12	---	---	1965
1969	---	---	---	1.46	1.48	1.21	1.11	1.08	1.04	0.92	1.15	1.08	---	1969
1970	0.83	0.90	0.86	1.41	1.38	1.13	1.01	1.03	1.05	1.08	1.10	1.23	1.08	1970
1971	0.90	1.09	1.22	1.53	1.57	1.08	0.91	0.89	0.85	0.83	0.98	0.94	1.08	1971
1972	---	---	1.15	1.38	1.83	1.47	1.29	1.18	1.12	1.11	1.28	1.18	---	1972
1973	1.02	1.15	1.51	1.88	1.70	1.34	1.22	1.18	1.04	1.08	0.95	---	---	1973
1974	---	0.95	1.10	1.55	1.81	1.48	1.23	1.08	1.00	0.81	1.20	1.22	---	1974
1975	1.08	0.82	1.20	---	1.46	1.27	0.95	---	0.80	1.01	---	1.05	---	1975
MOYEN	0.95	0.93	1.14	1.36	1.43	1.18	1.01	0.92	0.88	0.92	1.05	1.12	1.08	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 0.061 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 41 47
LONG 71 34 25 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SAINT-LAURENT (FLEUVE) A NEUVILLE - STATION NO. 02PC007

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1914	---	---	---	1914
1915	---	---	---	1915
1916	---	---	---	1916
1917	---	---	---	1917
1918	---	---	---	1918
1919	---	---	---	1919
1920	---	---	---	1920
1921	---	---	---	1921
1922	---	---	---	1922
1923	---	---	---	1923
1924	---	---	---	1924
1925	---	---	---	1925
1926	---	---	---	1926
1927	---	---	---	1927
1928	---	---	---	1928
1929	---	---	---	1929
1930	---	---	---	1930
1931	---	---	---	1931
1932	---	---	---	1932
1933	---	---	---	1933
1934	---	---	---	1934
1935	---	---	---	1935
1936	---	---	---	1936
1937	---	---	---	1937
1938	---	---	---	1938
1939	---	---	---	1939
1940	---	---	---	1940
1941	---	---	---	1941
1942	---	---	---	1942
1943	---	---	---	1943
1944	---	---	---	1944
1945	---	---	---	1945
1946	---	---	---	1946
1947	---	---	---	1947
1948	---	---	---	1948
1949	---	---	---	1949
1950	---	---	---	1950
1951	---	---	---	1951
1952	---	---	---	1952
1953	---	---	---	1953
1954	---	---	---	1954
1955	---	---	---	1955
1956	---	---	---	1956
1957	---	---	---	1957
1958	---	---	---	1958
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	2.15 LE 3 AVR	0.32 LE 2 JAN	1972
1973	---	2.49 LE 25 AVR *	0.22 LE 6 JAN *	1973
1974	---	---	---	1974
1975	---	---	---	1975

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 0.051 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A POINTE-AUX-TREMBLES - STATION NO 02OA049

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1934	---	---	---	---	---	---	---	4.75	4.68	4.69	---	---	---	1934
1935	---	---	---	---	5.78	---	5.42	5.11	4.82	4.80	---	---	---	1935
1936	---	---	---	---	7.27	6.23	5.31	4.97	4.95	5.22	---	---	---	1936
1961	---	---	---	---	---	5.88	5.85	5.58	5.55	5.36	5.07	---	---	1961
1962	---	---	---	6.32	5.82	5.14	4.95	5.03	4.96	5.00	5.14	5.50	---	1962
1963	6.83	6.38	5.94	6.40	5.38	4.86	4.86	4.86	5.03	4.93	5.24	5.70	5.55	1963
1964	6.84	---	---	5.51	5.18	4.86	4.86	---	4.74	4.76	4.72	5.07	---	1964
1965	6.02	5.32	5.42	5.16	5.26	4.77	4.72	4.97	5.18	5.82	5.74	5.78	5.43	1965
1966	7.20	---	6.67	6.28	5.70	5.51	5.22	5.35	5.26	5.17	5.40	6.14	---	1966
1967	---	7.73	6.53	6.70	6.41	5.83	5.66	5.35	5.30	5.86	6.67	6.39	---	1967
1968	7.78	6.89	6.74	6.85	5.81	5.49	5.67	5.57	5.66	5.52	5.54	5.91	6.13	1968
1969	6.83	6.49	6.16	7.03	---	---	---	---	5.79	5.48	5.94	5.99	---	1969
1970	6.28	6.11	5.93	6.59	6.70	6.00	5.81	5.84	5.62	5.76	5.86	6.30	6.08	1970
1971	6.84	7.10	6.62	7.16	7.24	5.91	5.46	5.46	5.55	5.43	5.29	5.46	6.12	1971
1972	6.84	6.12	6.46	7.01	7.02	6.66	6.73	6.54	6.28	6.30	6.57	6.60	6.57	1972
1973	7.17	7.22	7.67	7.53	7.44	6.96	6.70	6.33	6.16	6.19	6.03	6.23	6.80	1973
1974	6.37	6.34	6.96	7.53	6.28	7.42	6.66	6.28	6.01	5.96	6.10	6.25	6.58	1974
1975	6.13	6.35	6.56	7.03	6.92	6.37	5.76	---	5.63	5.63	---	---	---	1975
1976	---	---	7.68	6.15	7.45	6.63	6.56	6.31	6.06	6.13	5.94	5.87	---	1976
1977	---	---	6.56	7.06	---	5.54	---	5.43	---	5.34	6.14	6.37	---	1977
1978	6.85	7.11	6.56	7.31	6.96	6.15	---	---	5.52	5.56	---	5.27	---	1978
1979	---	6.06	---	7.18	7.27	6.26	5.83	5.75	5.98	---	---	---	---	1979
1980	---	---	---	6.70	6.41	5.77	5.83	---	---	6.18	6.15	---	---	1980
1981	---	6.86	6.58	6.85	6.22	6.1	5.73	5.87	---	6.20	6.33	5.99	---	1981
1982	5.88	6.07	6.00	6.77	6.37	5.78	5.71	5.52	5.51	5.44	---	---	---	1982
1983	5.87	6.09	6.28	6.69	7.54	6.89	5.75	5.64	5.55	5.53	5.96	---	---	1983
1984	---	---	---	7.23	6.66	6.45	6.22	6.04	---	---	5.80	5.74	---	1984
1985	6.42	---	6.53	6.80	6.78	5.96	---	5.98	5.78	5.76	---	---	---	1985
MOYEN	6.57	6.58	6.51	6.83	6.61	5.89	5.72	5.58	5.49	5.59	5.77	5.92	6.17	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 37 56 DONNEES FOURNIES PAR - R - REVISEE DEPUIS JAN 1980
LONG 73 29 28 REGULARISE SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

REMARQUES - DONNEES PUBLIEES COMME RECUES MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) A POINTE-AUX-TREMBLES - STATION NO 02OA049

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1934	5.26 LE 16 JUL A 2000 HNE	---	---	1934
1935	6.51 LE 4 MAI	---	---	1935
1936	7.59 LE 21 MAI A 2230 HNE	---	---	1936
1961	6.20 LE 3 JUN	---	---	1961
1962	7.58 LE 30 DEC	---	---	1962
1963	7.78 LE 5 JAN	7.70 LE 5 JAN	4.73 LE 31 JUL	1963
1964	7.67 LE 1 JAN	---	---	1964
1965	7.03 LE 21 JAN	6.97 LE 8 FEV	4.58 LE 23 JUN *	1965
1966	8.86 LE 2 FEV A 2245 HNE	---	---	1966
1967	8.90 LE 16 FEV A 1135 HNE	---	---	1967
1968	8.20 LE 20 JAN	8.13 LE 20 JAN *	5.32 LE 16 OCT	1968
1969	7.85 LE 17 JAN A 1320 HNE	---	---	1969
1970	7.62 LE 6 MAI	7.36 LE 6 MAI	5.48 LE 13 SEP	1970
1971	8.42 LE 23 AVR A 1643 HNE	8.37 LE 23 AVR	5.08 LE 11 DEC	1971
1972	8.24 LE 10 MAI	8.18 LE 10 MAI	5.80 LE 12 FEV	1972
1973	8.74 LE 19 MAR A 1439 HNE	8.65 LE 19 MAR	5.88 LE 22 NOV	1973
1974	8.60 LE 25 MAI A 2059 HNE	8.56 LE 23 MAI	5.78 LE 29 OCT	1974
1975	7.69 LE 22 AVR	---	---	1975
1976	9.31 LE 3 AVR A 1843 HNE *	---	---	1976
1977	7.83 LE 18 MAR A 1518 HNE	---	---	1977
1978	8.43 LE 18 FEV A 1250 HNE	---	---	1978
1979	7.83 LE 3 MAI	---	---	1979
1980	7.37 LE 17 AVR	---	---	1980
1981	8.50 LE 26 FEV A 0420 HNE	8.48 LE 26 FEV	5.49 LE 26 JUL	1981
1982	7.80 LE 29 AVR A 1045 HNE	7.39 LE 29 AVR	5.22 LE 25 OCT	1982
1983	8.18 LE 12 MAI A 1440 HNE	8.15 LE 12 MAI	5.36 LE 3 OCT	1983
1984	7.98 LE 18 AVR A 2310 HNE	7.87 LE 19 AVR	5.22 LE 4 NOV	1984
1985	7.42 LE 3 MAI A 1249 HNE	7.41 LE 3 MAI	---	1985

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A POINTE-DES-CASCADES - STATION NO 03MC005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1919	21.47	21.42	21.39	21.71	22.19	21.86	21.28	21.03	21.00	21.02	21.11	21.28	21.40	1919
1920	21.52	22.18	22.47	21.58	21.25	20.91	20.87	20.77	20.59	20.61	20.93	20.93	21.22	1920
1921	21.06	21.11	21.41	21.56	21.49	21.06	20.87	20.75	20.60	20.56	20.56	20.81	20.99	1921
1922	21.43	21.67	21.49	21.62	21.72	21.26	21.14	20.94	20.78	20.67	20.57	20.75	21.16	1922
1923	21.20	22.14	22.36	21.97	21.71	21.28	20.88	20.69	20.62	20.47	20.44	20.61	21.19	1923
1924	21.17	22.01	21.56	21.50	21.77	21.34	20.98	20.83	20.73	20.78	20.61	20.81	21.16	1924
1925	21.19	21.86	22.10	21.43	21.26	21.09	20.85	20.69	20.48	20.48	20.59	20.69	21.07	1925
1926	21.11	21.17	21.31	21.33	21.65	21.20	20.89	20.86	20.54	20.59	20.95	21.22	21.04	1926
1927	21.38	21.43	21.41	21.12	21.19	21.20	21.06	20.92	20.68	20.62	20.98	21.18	21.09	1927
1928	21.36	21.88	21.72	21.97	22.16	21.80	21.28	21.14	21.01	21.22	21.28	21.08	21.43	1928
1929	21.48	21.73	21.88	21.80	22.31	21.73	21.06	21.26	21.18	21.01	21.04	21.24	21.51	1929
1930	21.70	22.17	21.89	21.89	21.63	21.59	21.58	21.21	21.00	20.85	20.70	20.65	21.35	1930
1931	20.94	21.19	20.77	20.84	20.86	20.78	20.62	20.61	20.43	20.35	20.35	20.43	20.67	1931
1932	20.65	21.13	20.93	21.50	21.18	20.92	20.84	20.77	20.79	20.67	21.03	20.80	20.95	1932
1933	20.73	20.79	20.55	21.54	21.43	20.92	20.84	20.53	20.40	20.28	20.20	20.64	20.73	1933
1934	21.51	22.86	22.09	22.03	21.28	20.75	20.41	20.20	20.10	20.08	20.01	20.41	20.97	1934
1935	21.01	21.14	21.43	20.87	20.71	20.55	20.58	20.41	20.27	20.18	20.12	20.28	20.63	1935
1936	20.88	22.53	22.30	21.34	21.85	21.11	20.83	20.41	20.27	20.45	20.58	20.54	21.06	1936
1937	21.00	21.12	21.09	21.33	21.43	21.03	20.84	20.78	20.65	20.57	20.82	20.90	20.98	1937
1938	21.11	21.38	21.55	21.85	21.44	20.99	20.73	20.73	20.65	20.62	20.53	20.53	20.99	1938
1939	20.83	21.38	21.46	21.56	21.60	21.15	20.94	20.84	20.61	20.54	20.48	20.52	21.00	1939
1940	20.87	21.34	21.29	21.32	21.16	21.26	21.00	20.72	20.53	20.52	20.53	20.72	20.95	1940
1941	21.12	20.98	21.06	21.33	20.99	20.66	20.55	20.50	20.44	20.50	20.67	20.57	20.79	1941
1942	20.95	20.90	20.96	21.32	21.16	21.06	20.78	20.72	20.64	20.69	20.95	20.88	20.88	1942
1943	21.34	21.46	21.53	21.85	22.20	21.82	21.45	21.28	21.17	21.02	21.08	21.20	21.44	1943
1944	21.50	21.83	21.61	21.17	21.33	21.07	21.01	20.91	20.83	20.74	20.64	20.79	21.10	1944
1945	21.02	21.42	21.42	21.61	21.59	21.48	21.19	21.08	21.03	21.23	21.20	21.21	21.29	1945
1946	21.53	22.08	21.88	21.37	21.23	21.20	20.97	20.90	20.80	20.81	20.90	20.98	21.21	1946
1947	21.40	21.44	21.23	21.93	22.25	22.46	21.75	21.41	21.26	21.08	20.98	21.10	21.53	1947
1948	21.21	21.02	21.35	21.59	21.52	21.35	21.20	21.12	20.94	20.81	20.80	20.77	21.16	1948
1949	21.06	21.28	21.29	21.66	21.38	21.03	20.94	20.70	20.64	20.68	20.69	20.80	20.97	1949
1950	21.07	21.10	21.13	21.61	21.40	21.24	21.10	20.99	20.80	20.82	20.90	21.08	21.11	1950
1951	21.52	21.27	21.50	22.44	21.83	21.40	21.47	21.22	21.13	21.00	21.32	21.46	21.48	1951
1952	21.60	21.53	21.55	22.02	21.91	21.72	21.47	21.37	21.21	21.13	20.97	21.13	21.48	1952
1953	21.43	21.50	21.52	21.80	21.52	21.26	21.19	21.00	21.00	20.86	20.78	20.78	21.23	1953
1954	21.11	21.12	21.38	21.87	21.60	21.46	21.24	21.06	21.07	21.30	21.31	21.27	21.32	1954
1955	21.52	21.26	21.44	22.20	21.57	21.32	21.17	21.06	20.95	20.98	21.12	21.18	21.31	1955
1956	21.22	21.04	20.96	21.50	21.62	21.47	21.23	21.15	21.20	21.11	20.81	20.89	21.19	1956
1957	21.41	21.18	21.17	21.07	21.08	21.00	21.27	20.88	20.85	20.83	20.80	20.94	21.08	1957
1958	21.20	21.13	21.01	21.30	20.97	20.88	20.88	20.77	20.76	20.80	20.72	21.03	20.98	1958
1959	20.77	20.94	20.81	21.86	21.35	21.16	20.99	20.81	20.71	20.82	20.81	20.98	20.98	1959
1960	21.20	21.16	21.13	21.99	22.07	21.54	---	21.26	20.89	20.56	20.80	20.76	---	1960
1961	21.24	20.97	20.89	21.09	21.28	21.43R	21.31	21.13	21.05	20.89	20.67	20.75	21.08R	1961
1962	21.16	21.06	20.86	21.83	20.82	20.69	20.65	20.70	20.66	20.54	20.66	20.73	20.80	1962
1963	21.05	20.96	20.70	21.00	20.55	20.57	20.57	20.62	20.63	20.58	20.56	20.96	20.73	1963
1964	21.06	20.88	20.70	20.61	20.46	20.51	20.50	20.53	20.50	20.46	20.63	20.68	20.60	1964
1965	20.81	20.76	20.38	20.53	20.56	20.39	20.46	20.58	20.67	20.84	20.90	20.98	20.66	1965
1966	21.33	21.23	21.37	21.28	20.92	20.82	20.72	20.78	20.78	20.88	20.76	21.16	20.98	1966
1967	21.21	21.38	20.81	21.38	21.26	21.07	20.98	20.90	20.91	21.22	21.72	21.54	21.21	1967
1968	21.49	21.51	21.35	21.83	21.12	20.97	21.19	21.20	21.27	21.15	21.11	21.20	21.26	1968
1969	21.58	21.58	21.38	21.82	21.88	21.68	21.60	21.58	21.35	21.11	21.18	---	---	1969
1970	---	21.35	21.13	21.41	21.51	21.27	21.32	21.38	21.21	21.26	21.31	21.40	---	1970
1971	21.50	21.42	21.44	21.99	21.95	21.35	21.16	21.14	21.19	21.11	20.94	20.93	21.34	1971
1972	21.17	21.34	21.35	21.89	22.19	21.82	21.82	21.85	21.73	21.58	21.76	21.58	21.69	1972
1973	21.57	21.76	22.13	22.27	22.25	22.16	22.04	21.78	21.72	21.55	21.51	21.60	21.89	1973
1974	21.63	21.64	21.68	22.22	22.53	22.26	21.89	21.80	21.84	21.58	21.45	21.52	21.84	1974
1975	21.36	21.37	21.63	21.86	21.90	---	21.45	21.38	21.38	21.64	21.45	21.43R	---	1975
1976	---	---	22.01	22.44	22.26	---	---	---	21.60	---	---	---	---	1976
1977	---	21.17	21.61	---	21.92	21.12	21.01	21.34	21.26	21.59	---	---	---	1977
1978	21.83	22.06	---	22.14	21.99	---	21.41	21.32	21.26	21.19	21.02	21.52	---	1978
1979	21.62	21.80	21.75	---	---	---	---	---	---	---	---	---	---	1979
1980	21.51	21.42	21.37	21.82	21.75	21.65	---	---	---	---	---	21.36	---	1980
1981	---	21.60	21.83	21.78	21.37	21.35	21.29	21.44	21.68	21.71	21.71	21.56	---	1981
1982	21.49	21.59	21.61	21.80	21.63	21.46	21.44	21.30	21.35	21.19	---	21.52	---	1982
1983	21.33	---	---	---	22.12	21.86	21.41	21.38	21.31	21.27	21.37	---	---	1983
1984	21.49	21.63	21.67	22.05	21.80	21.80	21.69	21.84	21.63	21.25	21.29	21.32	21.60	1984
1985	---	21.59	21.70	---	21.95	21.59	21.67	21.69	21.61	21.45	21.48	21.42	---	1985
MOYEN	21.27	21.43	21.41	21.80	21.53	21.27R	21.11	21.00	20.93	20.85	20.89	21.00R	21.14R	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 20 00
LONG 73 57 17

REGULARISE

DONNEES FOURNIES PAR - SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

R - REVISEE DEPUIS JAN 1980

REMARQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) A POINTE-DES-CASCADES - STATION NO. 02MC005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1919	27.37 EN JAN *	22.45 LE 29 MAI	20.05 LE 8 SEP	1919
1920	23.20 LE 9 MAR A 1730 HNE	23.14 LE 8 MAR	20.53 LE 24 OCT	1920
1921	21.79 LE 22 MAR A 2000 HNE	21.76 LE 22 MAR	20.45 LE 3 NOV	1921
1922	23.39 LE 21 AVR A 2030 HNE	23.36 LE 21 AVR	20.47 LE 7 DEC	1922
1923	22.66 LE 21 FEV A 2000 HNE	22.56 LE 22 FEV	20.38 LE 25 NOV	1923
1924	22.92 LE 23 FEV A 1430 HNE	22.78 LE 25 FEV	20.55 LE 15 NOV	1924
1925	22.59 LE 4 MAR A 1900 HNE	22.54 LE 4 MAR	20.37 LE 5 NOV	1925
1926	21.95 LE 26 AVR A 2030 HNE	21.85 LE 26 AVR	20.45 LE 5 SEP	1926
1927	21.88 LE 20 MAR	21.88 LE 20 MAR	20.55 LE 23 SEP	1927
1928	22.65 LE 9 AVR A 2200 HNE	22.56 LE 10 AVR	20.57 LE 9 SEP	1928
1929	22.52 LE 8 MAI A 2200 HNE	22.50 LE 9 MAI	20.54 LE 31 OCT	1929
1930	22.46 LE 10 FEV A 2100 HNE	22.40 LE 10 FEV	20.55 LE 25 DEC	1930
1931	21.32 LE 12 FEV A 2130 HNE	21.30 LE 12 FEV	20.31 LE 25 OCT	1931
1932	22.00 LE 13 AVR A 2300 HNE	21.97 LE 13 AVR	20.42 LE 3 JAN	1932
1933	21.88 LE 20 AVR	21.85 LE 19 AVR	20.12 LE 10 NOV	1933
1934	24.20 LE 9 FEV A 1130 HNE	23.91 LE 9 FEV *	19.94 LE 17 NOV *	1934
1935	21.75 LE 26 FEV A 2100 HNE	21.72 LE 1 MAR	20.05 LE 3 NOV	1935
1936	22.98 LE 13 FEV	22.93 LE 15 FEV	20.33 LE 24 SEP	1936
1937	22.07 LE 8 AVR A 1200 HNE	22.06 LE 8 AVR	20.44 LE 17 OCT	1937
1938	22.45 LE 26 MAR A 2400 HNE	22.42 LE 26 MAR	20.33 LE 4 DEC	1938
1939	22.51 LE 22 FEV A 1400 HNE	22.36 LE 27 FEV	20.27 LE 25 NOV	1939
1940	21.63 LE 30 JAN A 1900 HNE	21.57 LE 30 JAN	20.34 LE 3 NOV	1940
1941	21.70 LE 26 AVR A 2200 HNE	21.65 LE 29 AVR	20.32 LE 1 SEP	1941
1942	21.63 LE 20 AVR A 2100 HNE	21.58 LE 20 AVR	20.43 LE 19 OCT	1942
1943	22.58 LE 13 MAI A 2300 HNE	22.52 LE 14 MAI	20.50 LE 9 DEC	1943
1944	22.80 LE 16 FEV A 1100 HNE	22.57 LE 15 FEV	20.55 LE 21 NOV	1944
1945	27.12 LE 5 AVR A 2130 HNE	22.02 LE 5 AVR	20.52 LE 18 JAN	1945
1946	23.07 LE 21 FEV A 1430 HNE	22.82 LE 22 FEV	20.58 LE 11 OCT	1946
1947	22.75 LE 4 JUN A 2200 HNE	22.70 LE 4 JUN	20.53 LE 2 DEC	1947
1948	22.14 LE 22 MAR A 2230 HNE	22.05 LE 23 MAR	20.57 LE 1 FEV	1948
1949	21.94 LE 29 MAR A 1200 HNE	21.91 LE 29 MAR	20.38 LE 1 DEC	1949
1950	22.13 LE 7 AVR	22.07 LE 6 AVR	20.60 LE 3 JAN	1950
1951	22.82 LE 17 AVR A 2130 HNE	22.78 LE 17 AVR	21.00 LE 3 OCT	1951
1952	23.41 LE 7 AVR A 1630 HNE	22.40 LE 7 AVR	20.86 LE 18 NOV	1952
1953	22.19 LE 28 MAR A 2030 HNE	22.12 LE 31 MAR	20.85 LE 8 NOV	1953
1954	23.32 LE 18 AVR A 1800 HNE	22.27 LE 18 AVR	20.89 LE 1 JAN	1954
1955	22.50 LE 7 AVR A 2330 HNE	22.41 LE 8 AVR	20.82 LE 8 OCT	1955
1956	21.90 LE 8 AVR A 1600 HNE	21.86 LE 8 AVR	20.70 LE 31 DEC	1956
1957	21.70 LE 11 JAN A 2400 HNE	21.67 LE 10 JAN	20.71 LE 5 OCT	1957
1958	21.88 LE 30 MAR A 2000 HNE	21.81 LE 2 AVR	20.84 LE 12 NOV	1958
1959	21.88 LE 10 AVR A 1452 HNE	21.87 LE 10 AVR	20.81 LE 19 OCT	1959
1960	22.36 LE 19 MAI	---	---	1960
1961	27.37 LE 28 JUN	21.50 LE 29 MAI	20.80 LE 18 NOV	1961
1962	21.63 LE 10 AVR	21.55 LE 10 AVR	20.46 LE 1 JUN	1962
1963	21.77 LE 5 AVR A 1127 HNE	21.74 LE 5 AVR	20.81 LE 26 MAI	1963
1964	21.52 LE 15 JAN A 1948 HNE	21.48 LE 15 JAN	20.29 LE 5 AVR	1964
1965	21.24 LE 31 DEC A 2359 HNE	21.13 LE 15 DEC	20.20 LE 14 MAR	1965
1966	21.81 LE 14 JAN	21.77 LE 14 JAN	20.52 LE 9 OCT	1966
1967	21.90 LE 15 NOV	21.87 LE 15 NOV	20.90 LE 26 MAR	1967
1968	21.97 LE 3 AVR A 2150 HNE	21.93 LE 2 AVR	20.78 LE 25 DEC	1968
1969	22.13 LE 24 AVR A 2044 HNE	---	---	1969
1970	21.81 LE 31 DEC A 2359 HNE	---	---	1970
1971	22.66 LE 22 AVR A 1001 HNE	22.63 LE 22 AVR	20.74 LE 6 DEC	1971
1972	22.87 LE 6 MAI A 2145 HNE	22.67 LE 7 MAI	20.93 LE 12 JAN	1972
1973	22.77 LE 19 MAR	22.72 LE 19 MAR	21.09 LE 27 DEC	1973
1974	22.81 LE 23 MAI A 2038 HNE	22.75 LE 23 MAI	21.34 LE 7 NOV	1974
1975	22.87 LE 21 AVR A 1928 HNE	---	---	1975
1976	23.03 LE 2 AVR	---	---	1976
1977	22.46 LE 16 MAR A 1630 HNE	---	---	1977
1978	22.57 LE 14 AVR	---	---	1978
1979	22.43 LE 6 MAI	---	---	1979
1980	22.15 LE 17 AVR	---	---	1980
1981	22.34 LE 26 FEV A 0725 HNE	22.20 LE 26 FEV *	21.05 LE 1 JAN	1981
1982	22.15 LE 28 AVR	22.09 LE 28 AVR	21.02 LE 12 JAN	1982
1983	22.60 LE 12 MAI A 1105 HNE	22.42 LE 12 MAI	21.13 LE 25 JAN	1983
1984	22.41 LE 18 AVR A 1815 HNE	22.37 LE 7 AVR	21.12 LE 6 JAN	1984
1985	22.20 LE 6 MAI A 1221 HNE	22.22 LE 6 MAI	20.85 LE 28 DEC	1985

PLAN DE REFRENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A PORT-SAINT-FRANCOIS - STATION NO. 02DD002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1962	---	---	2.97	4.78	4.36	3.67	3.40	---	---	3.42	3.61	3.35	---	1962
1963	3.88	3.92	3.85	4.88	4.61	3.48	---	3.30	---	---	---	3.87	---	1963
1964	4.04	4.00	---	3.88	---	3.48	---	---	---	---	3.16	---	---	1964
1965	---	---	---	---	---	3.28	3.08	3.28	3.64	4.13	4.04	4.03	---	1965
1966	4.18	4.18	4.61	4.84	---	3.61	3.49	3.37	3.38	3.85	4.24	---	---	1966
1967	4.08	4.32	4.83	4.93	4.70	4.12	3.89	3.54	3.47	4.05	4.61	4.43	4.18	1967
1968	5.02	4.44	4.48	5.15	4.98	3.69	3.76	3.58	3.67	3.60	3.77	3.91	4.10	1968
1969	4.05	4.26	4.07	5.30	5.38	4.44	4.15	4.04	3.67	3.82	4.13	4.03	4.28	1969
1970	3.99	4.00	3.80	4.94	5.09	4.22	4.02	3.93	3.77	3.81	4.00	4.18	4.16	1970
1971	---	---	---	5.30	5.00	4.11	3.82	3.83	3.77	3.66	3.57	3.72	---	1971
1972	3.76	3.82	4.30	5.18	5.33	4.88	4.81	4.02	4.31	4.41	4.67	4.55	4.61	1972
1973	4.03	4.80	5.57	5.87	5.88	4.89	4.71	4.43	4.22	4.27	4.11	4.36	4.79	1973
1974	4.32	4.33	4.88	5.71	5.80	5.57	4.71	4.28	4.03	3.86	4.24	4.43	4.76	1974
1975	4.21	4.14	4.55	5.21	5.17	---	---	---	3.69	3.92	---	---	---	1975
MOYEN	4.21	4.21	4.36	5.00	5.15	4.15	3.99	3.83	3.78	3.87	3.98	4.08	4.41	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 0.077 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 16 21
LONG 72 37 10 REGULARISE

DONNEES FOURNIES PAR -
SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

SAINT-LAURENT (FLEUVE) A PORT-SAINT-FRANCOIS - STATION NO 02DD002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	5.35 LE 6 AVR	---	1969
		5.89 LE 26 JAN	3.24 LE 30 AOU	1967
		5.87 LE 20 AVR	3.20 LE 16 OCT *	1968
1970	---		3.35 LE 20 OCT	1968
1971	---	5.80 LE 7 MAI		1968
1972	---	---	3.40 LE 18 MAR	
1973	---	6.42 LE 11 MAI	---	1970
1974	---	5.84 LE 20 MAR	3.47 LE 10 JAN	1971
1975	---	5.93 LE 28 MAI *	3.89 LE 5 NOV	1972
		---	3.74 LE 25 OCT	1973
			---	1974
				1975

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 0.077 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A PORTNEUF - STATION NO. 02PC005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1960	---	---	---	---	---	---	---	---	---	1.17	1.15	0.89	---	1960
1961	1.15	1.32	1.43	---	1.72	1.46	1.30	1.25	1.25	1.27	1.17	---	---	1961
1962	0.91	---	1.35	1.75	1.60	1.23	1.24	1.15	1.14	1.22	1.28	1.05	---	1962
1963	1.04	0.88	1.17	1.79	1.39	1.31	1.12	1.16	---	---	1.46	1.13	---	1963
1964	1.18	1.14	1.33	1.36	---	1.18	1.16	1.07	---	1.05	1.05	1.13	---	1964
1965	1.00	1.08	1.13	1.21	1.35	1.14	1.04	1.10	1.14	1.48	1.40	---	---	1965
1966	---	---	---	---	---	1.38	1.14	1.17	1.10	1.08	1.21	1.44	---	1966
1967	1.32	1.37	1.30	1.71	1.68	1.37	1.28	1.14	1.16	1.39	1.53	1.65	1.38	1967
1968	1.84	1.28	1.66	1.60	1.64	1.28	---	1.17	1.24	1.23	1.42	---	---	1968
1969	---	1.68	1.48	1.68	1.87	1.69	1.48	1.61	1.39	1.22	1.50	1.35	---	1969
1970	1.05	---	---	---	---	---	---	---	---	1.35	1.38	1.61	---	1970
1971	1.22	1.44	1.49	1.62	2.00	1.33	1.17	1.17	1.24	1.22	1.25	1.18	1.38	1971
1972	---	---	1.55	1.80	2.17	1.87	1.48	1.55	1.45	1.47	1.62	1.50	---	1972
1973	1.34	1.53	1.87	2.12	---	---	---	1.55	1.39	1.43	1.30	1.38	---	1973
1974	1.30	1.21	1.59	2.06	2.41	1.86	1.62	1.61	1.33	1.23	1.55	1.58	1.61	1974
1975	1.38	1.23	1.52	1.83	1.89	1.61	---	1.22	1.20	1.31	1.43	---	---	1975
MOYEN	1.20	1.28	1.46	1.77	1.78	1.43	1.29	1.25	1.25	1.28	1.38	1.30	1.46	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 0.050 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 46 55
LONG 71 52 43 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SAINT-LAURENT (FLEUVE) A PORTNEUF - STATION NO. 02PC005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	2.85 LE 28 JAN	0.31 LE 18 JAN	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	2.90 LE 25 AVR	0.58 LE 5 JAN	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	2.95 LE 25 MAI *	0.39 LE 2 FEV *	1974
1975	---	---	---	1975

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 0.050 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A REPENTIGNY - STATION NO. 0208009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1934	---	---	---	---	---	---	---	4.47	4.41	4.41	---	---	---	1934
1935	---	---	---	---	5.50	5.10	5.13	4.83	4.65	---	---	---	---	1935
1936	---	---	---	---	5.98	5.93	5.01	4.67	4.66	4.93	---	---	---	1936
1937	---	---	---	---	5.58	5.60	5.20	5.14	4.95	4.92	---	---	---	1937
1938	---	---	---	---	---	5.49	5.05	5.13	5.10	5.00	---	---	---	1938
1939	---	---	---	---	6.83	5.82	5.46	5.35	4.93	4.90	---	---	---	1939
1940	---	---	---	---	6.22	6.04	5.48	5.01	4.88	4.78	---	---	---	1940
1941	---	---	---	---	---	5.03	4.94	4.87	4.82	4.96	---	---	---	1941
1942	---	---	---	---	6.07	5.73	---	5.09	4.98	4.90	---	---	---	1942
1943	---	---	---	---	---	5.74	5.97	5.67	5.53	5.40	---	---	---	1943
1944	---	---	---	---	6.09	5.41	---	5.19	5.12	5.07	4.87	---	---	1944
1945	---	---	---	---	6.52	6.17	---	5.38	5.42	5.78	---	---	---	1945
1946	---	---	---	---	5.84	5.71	5.26	5.20	5.06	5.14	5.30	---	---	1946
1947	---	---	---	---	7.92	---	---	5.80	5.64	5.34	5.22	---	---	1947
1948	---	---	---	---	6.15	6.72	5.44	5.34	5.14	4.99	4.95	---	---	1948
1949	---	---	---	---	6.04	5.36	5.28	4.87	4.87	4.73	4.69	---	---	1949
1950	---	---	---	---	5.83	5.56	5.28	5.18	5.11	4.94	---	---	---	1950
1951	---	---	---	---	---	5.57	5.42	5.15	5.11	4.95	4.66	4.89	---	1951
1952	---	6.43	5.83	5.99	5.47	4.75	4.80	4.63	4.56	4.61	4.76	---	---	1952
1953	---	5.87	5.48	6.08	5.07	4.62	4.48	4.54	4.63	4.52	4.87	5.30	---	1953
1954	---	---	---	---	---	---	4.48	4.38	4.33	4.35	4.30	4.71	---	1954
1955	5.45	5.58	5.03	4.78	4.90	4.60	4.32	4.58	4.78	5.43	5.30	5.38	5.00	1955
1956	---	---	6.25	5.87	5.41	5.09	4.79	4.94	4.82	4.75	4.99	5.72	---	1956
1957	5.72	---	---	6.37	6.05	5.53	5.35	4.94	4.88	5.67	6.19	5.89	---	1957
1958	---	---	---	5.48	5.44	5.12	---	5.13	5.21	5.09	5.22	5.51	---	1958
1959	6.53	6.11	5.77	---	5.58	5.93	5.71	5.51	5.35	5.07	5.55	5.62	---	1959
1960	5.87	5.71	5.53	5.23	6.35	5.82	5.50	5.42	5.20	5.35	5.45	5.93	5.58	1960
1961	6.42	5.87	6.27	6.79	6.87	5.53	5.07	5.06	5.18	5.04	4.92	5.12	5.74	1961
1962	5.44	5.74	6.07	5.65	7.28	6.30	5.32	5.12	5.84	5.88	5.15	5.22	6.17	1962
1963	6.84	6.85	7.31	7.13	7.06	6.52	5.26	5.88	5.72	5.75	5.60	5.83	6.38	1963
1964	5.98	5.90	6.55	---	7.90	7.00	6.22	5.61	5.54	5.47	5.58	5.84	---	1964
1965	5.72	5.95	6.17	6.62	---	5.85	5.32	5.16	5.18	5.41	---	5.65	---	1965
1966	---	7.00	---	---	---	---	---	---	---	---	---	---	---	1966
MOYEN	5.00	6.17	6.02	6.27	6.20	5.63	5.28	5.15	5.05	5.08	5.20	5.57	5.80	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 0.068 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 44 32
LONG 73 26 12 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SAINT-LAURENT (FLEUVE) A REPENTIGNY - STATION NO 0208009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1934	---	---	---	1934
1935	---	---	---	1935
1936	---	---	---	1936
1937	---	---	---	1937
1938	---	---	---	1938
1939	---	---	---	1939
1940	---	---	---	1940
1941	---	---	---	1941
1942	---	---	---	1942
1943	---	---	---	1943
1944	---	---	---	1944
1945	---	---	---	1945
1946	---	---	---	1946
1947	---	---	---	1947
1948	---	---	---	1948
1949	---	---	---	1949
1950	---	---	---	1950
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	6 22 LE 22 JAN	4 13 LE 28 JUN *	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	7 03 LE 6 MAI	5 05 LE 13 SEP	1970
1971	---	8 00 LE 23 AVR	4 73 LE 11 DEC	1971
1972	---	7 84 LE 10 MAI	5 20 LE 15 JAN	1972
1973	---	8 35 LE 19 MAR *	5 45 LE 20 NOV	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 0.056 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A SOREL - STATION NO. 02OJ022

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1912	5.52	5.50	5.48	7.25	6.07	5.97	4.74	4.48	4.42	4.42	5.12	5.04	5.33	1912
1913	6.02	6.11	6.83	8.64	6.90	5.08	4.58	4.32	4.19	4.33	4.49	4.63	5.28	1913
1914	5.06	5.18	5.26	6.97	5.28	4.82	4.44	4.13	4.06	3.93	3.98	4.53	4.70	1914
1915	4.84	4.83	5.01	5.03	5.03	4.43	4.22	4.15	4.10	4.05	3.95	4.05	4.46	1915
1916	4.82	4.90	4.78	6.28	5.37	5.88	4.93	4.43	4.19	4.25	4.25	4.87	4.99	1916
1917	5.26	5.32	5.93	6.32	5.73	5.70	5.18	4.84	4.38	4.46	4.60	5.11	5.20	1917
1918	5.52	5.40	5.98	6.74	5.58	4.98	4.67	4.30	4.38	4.75	5.18	5.03	5.22	1918
1919	5.91	5.87	5.88	6.38	5.83	5.77	4.76	4.43	4.38	4.51	4.82	4.88	5.32	1919
1920	4.75	5.27	5.85	6.37	5.39	4.58	4.40	4.18	4.11	4.07	4.13	4.80	4.81	1920
1921	4.86	4.86	5.71	5.77	5.41	4.52	4.25	4.08	3.94	4.08	4.12	4.46	4.67	1921
1922	4.87	5.25	5.88	6.22	5.78	5.10	4.68	4.37	4.16	4.02	3.92	4.38	4.88	1922
1923	4.72	4.45	4.59	5.86	5.22	5.03	4.38	4.06	4.06	3.92	3.98	4.29	4.63	1923
1924	5.00	4.94	5.81	6.31	6.37	5.19	4.51	4.31	4.34	4.43	4.10	4.59	4.98	1924
1925	4.62	5.30	5.24	5.95	---	4.87	4.45	4.24	3.98	4.07	4.28	4.63	---	1925
1926	5.17	4.82	4.88	5.72	5.92	5.08	4.56	4.20	4.01	4.06	4.65	5.13	4.88	1926
1927	4.94	4.86	5.69	5.10	4.99	4.89	4.69	4.45	4.10	4.18	5.18	5.20	4.86	1927
1928	5.02	5.88	5.81	5.84	5.85	5.73	4.98	4.68	4.54	4.98	5.06	4.67	5.50	1928
1929	5.98	5.72	6.13	6.45	6.74	5.65	5.05	4.89	4.38	4.37	4.42	5.11	5.35	1929
1930	5.82	5.48	5.71	5.74	5.84	5.38	5.29	4.68	4.36	4.24	4.03	4.83	5.08	1930
1931	5.01	4.83	4.82	4.77	4.73	4.49	4.18	4.17	4.20	4.17	4.24	4.38	4.48	1931
1932	5.25	5.30	5.10	6.03	5.22	4.73	4.60	4.65	4.87	5.01	5.26	5.21	5.10	1932
1933	5.22	4.87	4.82	6.28	5.95	4.89	4.46	4.36	4.19	4.02	3.96	4.57	4.80	1933
1934	4.85	4.57	4.78	6.27	5.67	4.81	4.38	3.99	3.94	3.92	3.91	4.66	4.65	1934
1935	5.18	5.08	5.21	5.31	4.95	4.58	4.58	4.31	4.14	4.02	4.13	4.33	4.65	1935
1936	4.74	4.44	5.61	5.68	5.25	5.26	4.46	4.17	4.17	4.42	4.64	4.78	4.89	1936
1937	5.51	5.34	5.28	5.92	5.88	4.96	4.61	4.55	4.38	4.34	4.76	4.90	5.03	1937
1938	5.38	5.56	5.78	6.20	5.70	4.80	4.45	4.56	4.53	4.41	4.18	4.38	4.89	1938
1939	5.28	5.14	5.19	6.11	6.08	5.10	4.78	4.70	4.32	4.31	4.23	4.46	4.97	1939
1940	4.87	4.61	4.48	5.56	5.58	5.29	4.77	4.37	4.38	4.20	4.31	5.33	4.80	1940
1941	5.47	5.24	4.88	5.71	4.95	4.44	4.28	4.22	4.29	4.38	4.72	4.72	4.80	1941
1942	5.23	5.14	5.43	5.80	5.42	5.06	4.58	4.49	4.28	4.33	4.45	4.91	4.94	1942
1943	5.62	5.36	5.71	6.51	5.74	5.91	5.18	4.95	4.77	4.58	4.88	5.08	5.45	1943
1944	5.34	5.12	5.05	5.30	5.37	4.72	4.82	4.54	4.47	4.46	4.34	4.45	4.91	1944
1945	4.68	4.80	5.68	5.78	5.74	5.35	4.83	4.68	4.59	5.04	4.95	5.28	5.12	1945
1946	5.80	5.53	5.92	5.35	5.12	4.83	4.56	4.53	4.41	4.48	4.80	4.84	5.01	1946
1947	5.59	5.66	5.55	6.43	7.04	6.87	5.80	5.02	4.77	4.58	4.50	4.62	5.53	1947
1948	5.30	5.32	5.78	5.77	5.38	4.85	4.70	4.61	4.44	4.30	4.29	4.37	4.94	1948
1949	5.27	5.17	5.41	5.89	5.25	4.63	4.66	4.33	4.23	4.08	4.08	4.26	4.76	1949
1950	5.87	5.78	5.78	6.24	5.14	4.80	4.54	4.48	4.41	4.28	4.49	4.74	5.02	1950
1951	5.32	5.15	5.77	7.17	5.83	4.89	4.95	4.69	4.55	4.57	4.89	5.22	5.26	1951
1952	5.28	5.13	5.86	6.51	5.92	5.48	4.88	4.65	4.65	4.59	4.41	4.71	5.35	1952
1953	5.56	5.51	5.82	6.06	5.36	4.71	4.59	4.52	4.39	4.25	4.09	---	---	1953
1954	5.33	5.26	5.55	6.11	5.65	5.34	4.77	4.58	4.61	5.11	5.01	4.95	5.18	1954
1955	5.23	5.42	5.13	6.90	5.50	4.81	4.54	4.48	4.36	4.38	4.59	4.71	5.08	1955
1956	5.53	5.06	5.82	5.47	5.18	4.71	4.58	4.67	4.61	4.30	4.61	4.92	1956	
1957	5.20	5.23	5.26	6.73	6.53	5.45	4.88	4.25	4.20	4.20	4.49	4.72	4.68	1957
1958	5.40	5.36	5.20	5.88	4.67	4.44	4.40	4.17	4.23	4.32	4.28	---	---	1958
1959	4.72	4.93	---	---	4.88	4.64	4.27	4.17	4.07	4.08	4.49	---	---	1959
1960	5.02	5.41	5.24	6.49	---	4.88	4.67	4.53	4.16	3.92	3.98	4.32	---	1960
1961	4.85	5.16	5.09	5.38	5.07	4.77	4.63	4.40	4.39	4.23	3.98	4.31	4.89	1961
1962	4.93	5.02	4.78	5.29	4.84	4.12	3.98	4.00	3.93	4.00	4.16	---	---	1962
1963	---	4.88	4.68	5.42	4.48	3.80	3.86	3.93	4.00	3.90	4.30	---	---	1963
1964	5.06	4.89	4.81	4.87	4.28	3.88	3.88	3.81	3.74	3.77	3.73	4.13	4.22	1964
1965	4.42	4.72	4.24	4.12	4.23	3.78	3.72	3.88	4.16	4.74	4.83	4.88	4.28	1965
1966	5.51	5.48	5.44	5.21	4.79	4.48	4.18	4.34	4.26	4.18	4.40	5.06	4.77	1966
1967	5.11	5.86	5.23	5.83	5.37	4.86	4.63	4.31	4.27	4.83	5.41	5.26	5.06	1967
1968	6.03	5.49	5.38	5.78	4.81	4.67	4.67	---	4.52	4.61	4.66	4.85	---	1968
1969	5.48	5.35	5.06	5.94	5.86	5.21	4.98	4.88	4.65	4.40	4.87	4.98	5.16	1969
1970	5.19	5.05	4.83	5.85	5.87	4.82	4.77	4.70	4.53	4.67	4.76	5.17	4.98	1970
1971	5.37	5.55	5.31	6.00	6.13	4.82	4.39	4.40	4.52	4.39	4.27	4.46	4.96	1971
1972	4.58	5.02	5.28	5.85	5.48	5.52	5.41	5.31	5.02	5.08	5.39	5.48	5.38	1972
1973	5.87	5.93	6.41	6.28	6.24	5.84	5.38	5.10	4.93	4.96	4.81	5.09	5.55	1973
1974	5.18	5.13	5.66	6.29	7.08	6.13	5.37	5.00	4.78	4.69	4.93	5.08	5.44	1974
1975	4.86	5.13	5.35	5.81	5.73	5.15	4.87	4.63	4.48	4.67	4.84	---	---	1975
1976	---	5.66	6.07	5.84	6.24	5.36	5.34	5.14	4.88	4.87	4.80	4.77	---	1976
1977	5.12	4.76	5.43	5.88	5.20	4.51	4.26	4.36	4.61	---	4.89	5.21	---	1977
1978	5.63	5.72	5.26	6.16	5.84	5.01	4.86	---	4.43	4.47	4.27	4.38	---	1978
1979	4.82	---	5.51	---	6.02	---	4.86	4.63	4.88	4.95	5.06	---	---	1979
1980	---	4.81	4.89	5.61	5.23	4.82	4.89	4.83	4.87	5.01	---	---	---	1980
1981	---	---	5.42	5.70	5.19	5.04	4.84	4.77	4.88	4.98	5.18	4.84	---	1981
1982	4.76	4.67	4.85	5.88	5.32	4.80	4.86	4.62	4.62	4.26	4.54	---	---	1982
1983	4.78	5.04	5.18	5.80	---	5.56	4.82	---	4.47	4.45	---	---	---	1983
1984	4.83	5.10	5.26	6.12	5.84	5.30	5.08	---	---	4.43	4.52	---	---	1984
1985	5.27	5.32	5.30	5.63	5.80	4.83	---	---	4.88	4.88	4.70	---	---	1985
MOYEN	5.23	5.22	5.38	5.91	5.80	5.00	4.65	4.47	4.39	4.41	4.81	4.75	4.98	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT. 46 02 49
LONG. 73 06 58

REGULARISE

DONNEES FOURNIES PAR - SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

R - REVISEE DEPUIS JAN 1980

REMARQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) A SOREL - STATION NO. 020J022

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1912	---	8.84 LE 23 AVR *	4 07 LE 19 OCT	1912
1913	---	8 11 LE 28 MAR	4 04 LE 28 SEP	1913
1914	---	6 30 LE 24 AVR	3 76 LE 15 OCT	1914
1915	5.87 LE 1 MAI A 1400 HNE	5 79 LE 2 MAI	3 79 LE 2 NOV	1915
1916	6 76 LE 21 MAI A 2000 HNE	6 75 LE 22 MAI	3 95 LE 22 NOV	1916
1917	7.32 LE 8 AVR	7 28 LE 8 AVR	4 11 LE 27 SEP	1917
1918	8.14 LE 8 AVR *	8 14 LE 8 AVR	4 09 LE 20 AOU	1918
1919	6.83 LE 13 AVR A 1500 HNE	6 68 LE 13 AVR	4 12 LE 6 SEP	1919
1920	7 71 LE 30 MAR A 1400 HNE	7 69 LE 30 MAR	3 74 LE 25 OCT	1920
1921	7.02 LE 25 MAR A 1400 HNE	6 86 LE 25 MAR	3 76 LE 26 SEP	1921
1922	6 78 LE 23 AVR	6 77 LE 22 AVR	3 89 LE 30 NOV	1922
1923	6 80 LE 15 AVR	6 59 LE 14 AVR	3 85 LE 22 OCT	1923
1924	7 50 LE 11 AVR	7 45 LE 11 AVR	3 77 LE 21 NOV	1924
1925	7 81 LE 31 MAR	---	---	1925
1926	7 25 LE 30 AVR	7 07 LE 27 AVR	3 83 LE 17 OCT	1926
1927	6 63 LE 21 MAR A 2144 HNE	6 80 LE 21 MAR	3 88 LE 6 OCT	1927
1928	7 87 LE 10 AVR A 2240 HNE	7 86 LE 11 AVR	4 23 LE 10 SEP	1928
1929	7.24 LE 8 AVR A 2117 HNE	7 17 LE 9 MAI	4 01 LE 1 DEC	1929
1930	6.38 LE 13 AVR	6 31 LE 11 JAN	3 78 LE 30 NOV	1930
1931	5.36 LE 2 AVR	5 31 LE 2 AVR	3 87 LE 7 SEP	1931
1932	7.00 LE 13 AVR A 2132 HNE	6 96 LE 13 AVR	4 45 LE 30 JUN	1932
1933	6.85 LE 20 AVR	6 82 LE 20 AVR	3 74 LE 13 NOV	1933
1934	7 41 LE 14 AVR A 1223 HNE	7 33 LE 14 AVR	3 59 LE 30 OCT	1934
1935	5 64 LE 3 MAI A 1800 HNE	5 61 LE 4 MAI	3 81 LE 22 OCT	1935
1936	7.37 LE 23 MAR	7 30 LE 23 MAR	4 00 LE 28 AOU	1936
1937	6 78 LE 9 AVR	6 71 LE 10 AVR	4 05 LE 18 OCT	1937
1938	7 43 LE 28 MAR A 1547 HNE	7 35 LE 28 MAR	4 01 LE 4 DEC	1938
1939	7 68 LE 24 AVR A 2133 HNE	7 50 LE 25 AVR	4 00 LE 27 NOV	1939
1940	5 47 LE 21 AVR A 1829 HNE	6 38 LE 22 AVR	4 06 LE 28 OCT	1940
1941	5.96 LE 25 AVR	5 95 LE 25 AVR	4 08 LE 1 OCT	1941
1942	6.33 LE 2 MAI	6 31 LE 2 MAI	4 17 LE 7 SEP	1942
1943	7.25 LE 15 MAI	7 24 LE 15 MAI	4 50 LE 12 OCT	1943
1944	5 87 LE 13 MAI	5 84 LE 13 MAI	4 14 LE 11 DEC	1944
1945	5 83 LE 23 MAR	5 77 LE 22 MAR	4 43 LE 21 JAN	1945
1946	5 61 LE 20 MAR	5 57 LE 19 MAR	4 29 LE 7 OCT	1946
1947	7 84 LE 25 MAI A 1427 HNE	7 60 LE 25 MAI	4 28 LE 23 NOV	1947
1948	7.25 LE 30 MAR	7 15 LE 28 MAR	4 03 LE 12 NOV	1948
1949	5 73 LE 1 AVR A 2249 HNE	5 65 LE 30 MAR	3 87 LE 2 NOV	1949
1950	7 45 LE 9 AVR A 1312 HNE	7 42 LE 7 AVR	4 08 LE 6 OCT	1950
1951	7 98 LE 5 AVR	7 93 LE 5 AVR	4 39 LE 28 SEP	1951
1952	7 19 LE 8 AVR A 1445 HNE	7 17 LE 8 AVR	4 17 LE 14 NOV	1952
1953	6.94 LE 29 MAR	---	---	1953
1954	6.71 LE 19 AVR	6 65 LE 19 AVR	4 09 LE 1 JAN	1954
1955	7.23 LE 24 AVR A 1918 HNE	7 18 LE 24 AVR	4 16 LE 27 SEP	1955
1956	6 56 LE 10 AVR A 2220 HNE	6 50 LE 10 AVR	4 03 LE 12 NOV	1956
1957	5.82 LE 24 JAN	5 79 LE 24 JAN	4 02 LE 15 OCT	1957
1958	6.26 LE 7 AVR	---	---	1958
1959	5 61 LE 27 AVR A 2335 HNE	---	---	1959
1960	6 93 LE 23 AVR	---	---	1960
1961	5 88 LE 18 AVR A 1500 HNE	5 78 LE 19 AVR	3 81 LE 3 DEC	1961
1962	6 28 LE 10 AVR A 2040 HNE	---	---	1962
1963	6 52 LE 6 AVR	---	---	1963
1964	5.58 LE 28 JAN A 1950 HNE	5 54 LE 28 JAN	3 48 LE 15 NOV	1964
1965	5 16 LE 12 FEV A 1020 HNE	5 12 LE 12 FEV	3 43 LE 28 MAR *	1965
1966	6.09 LE 28 JAN A 2332 HNE	5 91 LE 22 JAN	4 02 LE 25 SEP	1966
1967	6 36 LE 5 FEV	5 20 LE 24 FEV	4 11 LE 30 AOU	1967
1968	7.33 LE 25 JAN	---	---	1968
1969	6.45 LE 19 AVR A 1842 HNE	6 41 LE 20 AVR	4 21 LE 19 OCT	1969
1970	6.44 LE 7 MAI A 1825 HNE	6 37 LE 6 MAI	4 36 LE 13 SEP	1970
1971	7.23 LE 24 AVR	7 21 LE 24 AVR	4 15 LE 14 NOV	1971
1972	7.01 LE 10 MAI	6 97 LE 10 MAI	4 47 LE 16 JAN	1972
1973	7.51 LE 20 MAR	7 48 LE 20 MAR	4 54 LE 6 NOV	1973
1974	7 43 LE 28 MAI A 2035 HNE	7 39 LE 28 MAI	4 52 LE 29 OCT	1974
1975	6 72 LE 27 AVR A 1828 HNE	---	---	1975
1976	8 11 LE 3 AVR A 2130 HNE	---	---	1976
1977	6 67 LE 18 MAR	---	---	1977
1978	6 79 LE 22 AVR	---	---	1978
1979	6 81 LE 2 MAI A 2020 HNE	---	---	1979
1980	6.13 LE 17 AVR A 1701 HNE	---	---	1980
1981	7.10 LE 26 FEV A 0850 HNE	7 09 LE 26 FEV	4 41 LE 28 JUL	1981
1982	6.30 LE 29 AVR A 2326 HNE	6 27 LE 29 AVR	4 05 LE 26 OCT	1982
1983	6 98 LE 13 MAI A 1510 HNE	6 95 LE 13 MAI	4 25 LE 31 OCT	1983
1984	6.88 LE 19 AVR	6 83 LE 19 AVR	4 14 LE 4 NOV	1984
1985	6.20 LE 4 MAI A 1737 HNE	6 16 LE 4 MAI	---	1985

PLAN DE REFRENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A TROIS-RIVIERES - STATION NO 02NG010

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1900	---	---	---	---	5.35	4.49	4.41	3.98	3.64	3.74	---	---	---	1900
1901	---	---	---	---	5.56	4.80	3.88	3.54	3.32	3.32	3.30	---	---	1901
1902	---	---	---	---	---	4.87	4.30	3.90	3.60	3.61	3.97	---	---	1902
1903	---	---	---	---	---	4.48	4.35	3.98	3.69	3.89	---	---	---	1903
1904	---	---	---	---	---	4.68	3.98	3.61	3.27	3.33	---	---	---	1904
1912	---	---	---	---	---	---	---	---	3.79	4.06	4.58	---	---	1912
1913	---	---	---	---	5.33	4.47	3.94	3.60	3.46	3.68	3.89	---	---	1913
1914	---	---	---	---	4.71	4.02	3.76	3.37	3.33	3.95	---	---	---	1914
1915	---	---	---	---	4.53	3.86	3.59	3.40	3.34	3.40	3.38	---	---	1915
1916	---	---	---	---	5.78	5.26	4.26	3.74	3.50	3.83	---	---	---	1916
1917	---	---	---	---	5.15	5.12	4.57	4.21	3.71	3.85	3.97	---	---	1917
1918	---	---	---	---	5.07	4.42	4.30	3.65	3.76	4.12	---	---	---	1918
1919	---	---	---	---	5.06	5.10	4.13	3.75	3.70	3.86	---	---	---	1919
1920	---	---	---	---	4.86	4.01	---	3.53	3.45	3.47	---	---	---	1920
1921	---	---	---	---	4.61	3.91	3.60	3.38	3.26	3.51	---	---	---	1921
1922	---	---	---	---	5.15	4.50	4.03	3.66	3.46	3.36	---	---	---	1922
1923	---	---	---	---	5.88	---	3.69	3.40	---	---	---	---	---	1923
1924	---	---	---	---	---	4.80	3.88	3.63	3.71	3.85	3.58	3.65	---	1924
1925	3.70	4.71	5.60	5.34	4.80	4.32	3.86	3.60	3.35	3.52	3.75	3.77	4.19	1925
1926	3.65	3.80	3.63	4.47	5.40	4.51	3.84	3.52	3.33	3.44	4.05	3.82	3.87	1926
1927	3.73	3.73	4.48	4.41	4.43	4.30	4.08	3.77	3.41	3.55	4.67	4.53	4.08	1927
1928	4.26	4.11	4.06	5.76	5.32	5.16	4.35	4.01	3.88	4.33	4.42	4.06	4.56	1928
1929	4.06	3.98	4.86	5.64	5.18	4.95	4.43	3.94	3.72	3.76	3.84	3.78	4.41	1929
1930	4.54	4.23	4.53	5.06	5.10	4.80	4.65	4.04	3.69	3.55	3.39	3.36	4.25	1930
1931	3.54	3.57	3.73	4.20	4.11	3.83	3.44	3.29	3.24	3.18	3.24	3.33	3.56	1931
1932	3.84	3.88	3.77	5.24	4.49	3.88	3.73	3.65	3.83	4.06	4.31	3.73	4.03	1932
1933	3.81	3.58	3.67	5.57	5.29	4.05	3.50	3.39	3.20	3.06	3.05	3.49	3.62	1933
1934	3.89	3.33	3.60	5.48	4.89	3.95	3.44	2.84	2.90	2.91	2.99	3.16	3.63	1934
1935	3.74	3.47	3.80	4.45	4.16	3.73	3.58	3.26	3.12	3.07	3.23	3.08	3.58	1935
1936	3.28	3.15	4.58	4.85	5.56	4.38	3.51	3.17	3.22	3.57	3.78	3.47	3.68	1936
1937	4.19	4.03	3.90	4.89	5.18	4.11	3.65	3.53	3.37	3.42	3.94	3.88	3.99	1937
1938	3.58	4.14	4.38	5.44	5.01	3.98	3.54	3.66	3.64	3.58	3.40	3.51	3.99	1938
1939	3.64	4.00	4.02	5.05	5.45	4.36	4.01	3.91	3.48	3.55	3.46	3.41	4.03	1939
1940	3.47	3.50	3.51	4.73	5.01	4.58	3.95	3.45	3.42	3.27	3.44	3.86	3.83	1940
1941	4.00	3.69	3.56	4.78	4.14	3.65	3.44	3.30	3.32	3.49	3.93	3.84	3.74	1941
1942	3.62	3.70	4.28	5.16	4.72	4.26	3.85	3.47	3.37	3.37	3.60	3.75	3.91	1942
1943	4.91	4.41	4.79	5.84	5.11	5.21	4.37	4.08	3.86	3.82	4.11	3.88	4.58	1943
1944	3.86	3.73	3.83	4.41	4.67	3.87	3.71	3.58	3.50	3.54	3.61	3.37	3.80	1944
1945	3.48	3.59	4.63	5.15	5.06	4.58	3.95	3.69	3.73	4.21	4.14	4.06	4.19	1945
1946	4.28	4.23	4.89	4.88	4.45	4.16	3.67	3.68	3.41	3.60	3.80	3.81	4.05	1946
1947	4.13	4.52	4.38	5.53	5.41	5.30	4.83	4.17	3.88	3.72	3.73	3.84	4.60	1947
1948	3.82	4.20	4.70	4.96	4.71	4.16	3.84	3.67	3.51	3.42	3.48	3.47	3.99	1948
1949	3.85	3.90	4.31	5.21	4.66	3.84	3.66	3.34	3.28	3.19	3.30	3.43	3.82	1949
1950	3.75	4.02	4.49	5.17	4.52	4.16	3.77	3.57	3.51	3.45	3.81	3.94	4.01	1950
1951	4.13	4.02	4.73	5.45	5.18	4.18	4.12	3.80	3.68	3.78	4.28	4.32	4.39	1951
1952	4.66	4.74	4.74	5.77	5.30	4.83	4.10	4.00	3.78	3.82	3.70	4.01	4.45	1952
1953	4.13	4.28	4.84	5.47	4.72	3.98	3.78	3.59	3.51	3.43	3.36	3.46	4.04	1953
1954	3.83	4.11	4.49	5.39	5.06	4.71	4.04	---	3.82	4.43	4.33	4.25	---	1954
1955	4.35	4.25	4.75	5.08	4.89	4.12	3.74	3.61	3.48	3.59	3.93	3.88	4.20	1955
1956	4.09	3.86	3.93	4.84	4.83	4.49	3.96	3.80	3.90	3.82	3.63	3.72	4.07	1956
1957	4.11	4.42	4.47	4.11	---	3.80	4.25	3.59	---	3.54	3.86	4.08	---	1957
1958	4.12	---	4.27	5.09	4.08	3.84	3.77	3.54	3.61	3.69	3.67	3.57	---	1958
1959	3.67	3.88	3.88	5.11	4.40	4.01	3.61	3.51	3.41	3.44	3.88	3.98	3.81	1959
1960	3.93	4.38	4.35	5.74	5.83	4.35	4.20	3.86	3.50	3.30	3.37	3.32	4.16	1960
1961	3.89	---	4.21	---	---	4.14	---	3.73	3.75	3.58	3.37	3.67	---	1961
1962	3.72	4.01	3.91	---	4.30	3.63	3.36	3.35	3.28	3.38	3.55	3.31	---	1962
1963	3.82	3.87	3.80	4.80	3.95	3.39	3.21	3.25	3.33	3.25	3.74	3.58	3.66	1963
1964	3.97	3.91	4.00	3.99	3.75	3.40	3.25	3.12	3.02	3.09	3.12	3.34	3.48	1964
1965	3.52	3.80	3.49	3.59	3.72	3.22	3.04	3.21	3.38	4.06	3.83	3.80	3.57	1965
1966	4.06	4.10	4.50	4.53	4.14	3.74	3.36	3.44	3.33	3.33	3.59	4.17	3.86	1966
1967	3.89	4.24	3.85	4.83	4.82	4.05	3.82	3.47	3.41	4.01	4.61	4.33	4.10	1967
1968	4.98	4.38	4.43	5.04	3.89	3.62	3.67	3.63	3.60	3.64	3.70	3.82	4.02	1968
1969	4.02	4.22	4.01	5.15	5.27	4.36	4.07	3.85	3.75	3.54	4.04	3.94	4.20	1969
1970	3.92	3.82	3.82	4.82	4.87	4.12	3.93	---	3.70	3.83	3.81	4.08	---	1970
1971	3.89	4.22	4.24	5.15	5.45	4.00	3.54	3.54	3.68	3.57	3.48	3.82	4.04	1971
1972	3.67	3.82	4.18	5.04	5.79	4.77	4.68	4.52	4.21	4.31	4.56	4.44	4.60	1972
1973	4.53	4.69	5.43	5.54	5.54	4.85	4.58	4.32	4.12	4.16	4.01	4.24	4.67	1973
1974	4.22	4.22	4.75	5.55	5.45	5.43	4.59	4.15	3.84	3.87	4.15	4.32	4.64	1974
1975	4.11	4.04	4.43	5.07	5.05	4.40	3.75	---	---	3.84	---	---	---	1975
1976	---	4.56	5.03	5.28	5.56	4.56	4.55	4.35	4.08	---	4.04	---	---	1976
1977	---	3.78	4.57	---	4.80	---	---	3.49	---	4.38	---	4.28	---	1977
MOYEN	3.87	4.02	4.28	5.09	5.00	4.32	3.91	3.85	3.64	3.63	3.77	3.77	4.06	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 0.050 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 20 05
LONG 72 32 35 REGULARISE

DONNEES FOURNIES PAR :
SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

SAINT-LAURENT (FLEUVE) A TROIS-RIVIERES - STATION NO. 02NG010

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1900	---	---	---	1900
1901	---	---	---	1901
1902	---	---	---	1902
1903	---	---	---	1903
1904	---	---	---	1904
1912	---	---	---	1912
1913	---	---	---	1913
1914	---	---	---	1914
1915	---	---	---	1915
1916	---	---	---	1916
1917	---	---	---	1917
1918	---	---	---	1918
1919	---	---	---	1919
1920	---	---	---	1920
1921	---	---	---	1921
1922	---	---	---	1922
1923	---	---	---	1923
1924	---	---	---	1924
1925	---	---	---	1925
1926	---	7.15 LE 31 MAR *	2.92 LE 30 DEC	1926
1927	---	6.20 LE 27 AVR	3.13 LE 1 OCT	1927
1928	---	5.59 LE 22 MAR	3.17 LE 6 OCT	1928
1929	---	6.80 LE 26 MAI	3.50 LE 10 SEP	1929
1930	---	6.62 LE 8 MAI	3.22 LE 12 DEC	1930
1931	---	5.54 LE 12 AVR	3.01 LE 17 DEC	1931
1932	---	4.77 LE 3 AVR	2.90 LE 7 SEP	1932
1933	---	6.34 LE 13 AVR	3.29 LE 19 DEC	1933
1934	---	6.19 LE 21 AVR	2.64 LE 12 NOV	1934
1935	---	6.52 LE 14 AVR	2.40 LE 30 OCT	1935
1936	---	4.95 LE 3 MAI	2.38 LE 23 DEC *	1936
1937	---	6.64 LE 23 MAR	2.81 LE 3 FEV	1937
1938	---	5.65 LE 11 AVR	2.98 LE 14 OCT	1938
1939	---	6.12 LE 1 AVR	2.73 LE 31 DEC	1939
1940	---	6.64 LE 25 AVR	2.81 LE 1 JAN	1940
1941	---	5.75 LE 22 AVR	3.05 LE 14 OCT	1941
1942	---	5.32 LE 25 AVR	2.91 LE 18 ADU	1942
1943	---	5.79 LE 2 MAI	2.90 LE 18 DEC	1943
1944	---	6.56 LE 15 MAI	3.32 LE 17 DEC	1944
1945	---	5.25 LE 11 MAI	3.10 LE 11 DEC	1945
1946	---	6.11 LE 5 AVR	3.03 LE 22 JAN	1946
1947	---	5.61 LE 19 MAR	3.17 LE 7 SEP	1947
1948	---	7.02 LE 24 MAI	3.37 LE 26 OCT	1948
1949	---	6.24 LE 28 MAR	2.99 LE 27 DEC	1949
1950	---	5.82 LE 1 AVR	2.91 LE 17 OCT	1950
1951	---	5.80 LE 8 AVR	3.06 LE 28 DEC	1951
1952	---	6.86 LE 6 AVR	3.41 LE 27 SEP	1952
1953	---	6.37 LE 9 AVR	3.35 LE 14 NOV	1953
1954	---	6.38 LE 31 MAR	3.12 LE 1 DEC	1954
1955	---	---	---	1955
1956	---	6.51 LE 24 AVR	3.14 LE 27 SEP	1956
1957	---	5.48 LE 10 AVR	3.26 LE 12 NOV	1957
1958	---	---	---	1958
1959	---	---	---	1959
1960	---	5.97 LE 10 AVR	3.00 LE 27 SEP	1960
1961	---	6.32 LE 19 AVR	2.88 LE 14 OCT	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	5.58 LE 6 AVR	2.83 LE 1 ADU	1964
1965	---	4.58 LE 17 AVR	2.63 LE 16 SEP	1965
1966	---	4.49 LE 25 OCT	2.66 LE 29 MAR	1966
1967	---	5.16 LE 26 MAR	3.06 LE 25 SEP	1967
1968	---	5.20 LE 6 AVR	3.16 LE 30 ADU	1968
1969	---	6.67 LE 24 JAN	3.13 LE 16 OCT	1969
1970	---	5.72 LE 20 AVR	3.27 LE 6 OCT	1970
1971	---	---	---	1971
1972	---	6.50 LE 24 AVR	3.27 LE 2 ADU	1972
1973	---	6.26 LE 11 MAI	3.38 LE 12 FEV	1973
1974	---	6.69 LE 20 MAR	3.77 LE 5 NOV	1974
1975	---	6.78 LE 26 MAI	3.64 LE 25 OCT	1975
1976	---	---	---	1976
1977	---	---	---	1977

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 0.050 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A VARENNES - STATION NO 02OA050

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1897	---	---	---	---	7.50	6.63	5.82	5.61	5.25	4.92	5.04	5.08	---	1897
1898	7.85	7.79	8.93	6.87	6.38	6.23	5.87	5.42	5.28	5.37	---	---	---	1898
1899	---	---	---	---	7.63	6.53	5.85	---	5.07	5.30	---	---	---	1899
1900	---	---	---	---	6.94	6.19	5.07	5.75	5.38	5.40	---	---	---	1900
1901	---	---	---	---	7.13	6.42	5.80	5.29	5.11	5.02	4.86	---	---	1901
1913	---	---	---	---	---	6.15	---	---	5.20	5.28	5.53	---	---	1913
1914	---	---	---	---	---	5.61	5.43	5.09	5.00	---	---	---	---	1914
1915	---	---	---	---	5.92	5.40	5.18	---	5.08	5.04	4.91	---	---	1915
1916	---	---	---	---	7.52	6.98	6.00	5.48	5.21	5.23	---	---	---	1916
1917	---	---	---	---	6.78	6.75	6.28	5.92	5.48	5.46	---	---	---	1917
1918	---	---	---	---	---	6.07	5.93	5.38	5.42	5.61	---	---	---	1918
1919	---	---	---	---	7.76	6.94	5.84	5.47	5.40	5.55	---	---	---	1919
1920	---	---	---	---	6.34	5.55	5.38	5.16	5.05	4.97	---	---	---	1920
1921	---	---	---	---	6.45	5.55	5.24	5.05	4.86	4.86	---	---	---	1921
1922	---	---	---	---	6.88	6.04	5.62	---	5.08	4.94	---	---	---	1922
1923	---	---	---	---	7.20	6.05	5.34	5.02	4.98	---	---	---	---	1923
1924	---	---	---	---	7.34	6.23	5.51	5.27	5.22	5.35	---	6.32	---	1924
1925	6.73	7.03	7.97	7.15	6.28	5.86	5.48	5.16	4.85	4.88	5.13	5.68	6.01	1925
1926	7.46	6.70	6.80	7.63	6.87	6.11	5.54	5.12	4.89	4.95	5.80	7.25	6.22	1926
1927	7.79	7.35	8.12	6.36	6.98	6.93	6.71	5.47	5.04	5.07	6.02	6.17	6.25	1927
1928	8.49	8.52	8.32	---	7.81	6.77	6.01	5.70	5.56	6.03	6.15	5.73	---	1928
1929	8.05	8.36	8.77	7.95	7.86	6.64	6.15	5.85	5.42	5.36	5.42	7.13	6.86	1929
1930	8.00	7.48	7.55	7.03	6.62	6.42	6.38	5.72	5.34	5.18	4.97	5.56	6.35	1930
1931	7.28	7.18	6.48	5.65	5.61	5.38	5.03	4.85	4.82	4.85	4.90	5.09	5.50	1931
1932	6.88	7.75	7.07	7.15	6.11	5.55	5.44	5.44	5.69	5.86	5.15	6.67	6.23	1932
1933	7.10	6.52	6.19	7.30	6.88	5.75	5.24	5.12	4.90	4.71	4.62	6.00	5.86	1933
1934	6.33	6.01	6.27	7.41	6.61	5.63	5.13	4.84	4.58	4.58	4.54	5.81	5.64	1934
1935	6.88	6.34	6.48	6.21	5.89	5.30	5.34	---	4.83	4.89	4.78	5.24	---	1935
1936	6.25	5.87	6.80	6.51	7.17	6.13	5.21	4.88	4.85	5.12	5.37	5.80	5.82	1936
1937	7.38	7.03	6.80	7.21	6.80	5.80	5.40	5.34	5.16	5.11	5.80	5.99	6.13	1937
1938	7.38	7.18	7.33	7.29	6.84	6.68	5.25	5.31	5.28	5.18	4.94	5.08	6.04	1938
1939	6.93	6.38	6.45	7.21	7.02	6.02	5.64	5.54	5.11	5.07	5.00	5.51	5.99	1939
1940	6.86	6.47	5.97	6.61	6.40	6.24	5.89	5.21	5.17	4.98	5.05	5.93	5.96	1940
1941	6.97	6.83	6.33	6.73	5.83	5.22	5.13	5.06	5.01	5.14	5.51	5.52	5.75	1941
1942	7.33	6.96	7.04	6.85	6.24	5.91	5.39	5.28	5.17	5.09	5.23	5.14	6.05	1942
1943	7.30	7.17	7.29	7.91	7.78	6.95	6.18	5.88	5.78	5.62	5.79	7.01	6.72	1943
1944	7.88	7.40	6.91	6.43	6.31	5.85	5.52	5.41	5.34	5.27	5.16	5.92	6.11	1944
1945	7.01	6.84	7.45	6.69	6.70	6.37	5.79	5.80	5.62	5.88	5.80	5.78	6.39	1945
1946	8.41	7.62	7.69	6.30	6.05	5.91	5.48	5.43	5.29	5.35	5.60	5.95	6.24	1946
1947	7.94	7.57	7.10	7.71	8.12	8.10	6.69	6.03	5.78	5.55	5.44	5.55	6.79	1947
1948	7.59	7.06	7.39	6.79	6.35	5.93	5.66	5.56	5.35	5.18	5.16	5.27	6.11	1948
1949	6.85	7.88	7.15	6.93	6.24	5.55	5.50	5.17	5.06	4.93	4.88	5.07	5.92	1949
1950	7.02	7.35	6.92	7.35	6.15	5.77	5.51	5.40	5.33	5.15	5.38	5.95	6.10	1950
1951	8.46	7.88	7.78	8.42	6.87	5.91	6.02	5.69	5.56	5.56	6.08	6.23	6.71	1951
1952	8.27	8.34	7.45	7.63	7.00	6.55	5.96	5.82	5.67	5.58	5.37	5.73	6.62	1952
1953	8.02	8.06	7.55	7.08	6.33	5.70	5.58	5.46	5.31	5.18	4.89	5.06	6.18	1953
1954	7.31	7.25	6.88	---	6.62	6.31	5.78	5.52	5.57	5.12	---	5.93	---	1954
1955	6.18	7.72	7.70	7.87	6.42	5.77	5.48	5.40	5.27	5.32	5.61	5.93	6.22	1955
1956	7.91	6.53	6.43	---	6.49	6.17	5.71	5.57	5.70	5.64	5.24	5.32	---	1956
1957	7.77	7.48	6.70	---	5.55	5.36	5.91	5.17	5.12	5.13	5.38	5.58	---	1957
1958	7.44	7.12	6.70	6.54	5.47	5.26	5.24	5.00	5.07	5.18	5.13	6.63	5.89	1958
1959	6.41	6.57	5.38	6.86	5.96	---	5.12	5.01	4.83	4.93	---	---	---	1959
1960	7.42	6.87	6.83	7.62	7.31	---	---	---	---	---	---	---	---	1960
1961	---	---	---	---	5.96	5.77	5.63	5.36	5.32	5.16	4.85	5.16	---	1961
1962	6.88	6.68	6.03	---	---	4.93	4.78	---	4.74	4.79	4.85	---	---	1962
1963	6.63	6.22	5.75	6.24	5.25	4.80	4.67	4.73	4.82	4.71	5.07	5.50	5.36	1963
1964	6.61	5.95	5.89	5.33	4.99	4.76	4.67	4.58	4.51	4.53	4.48	4.88	5.08	1964
1965	5.77	6.04	5.23	4.95	5.07	4.57	4.49	4.78	4.87	5.83	5.53	5.81	5.22	1965
1966	6.84	---	---	6.12	5.65	5.33	4.87	5.12	5.01	4.95	5.20	5.95	---	1966
1967	5.84	---	6.35	5.55	6.28	5.76	5.49	5.14	5.10	5.70	6.45	6.22	---	1967
1968	7.55	---	6.58	6.72	5.67	5.33	5.49	5.38	5.46	5.33	5.48	---	---	1968
1969	6.89	6.34	6.01	6.88	6.90	6.20	5.86	5.85	5.58	5.30	5.76	5.83	6.11	1969
1970	6.11	5.84	5.74	6.45	6.57	5.84	5.72	5.65	5.43	5.58	5.87	6.16	5.81	1970
1971	6.58	6.82	6.49	7.00	7.08	6.75	6.28	6.28	6.41	6.28	6.13	6.32	6.58	1971
1972	6.88	6.96	6.33	6.87	7.48	6.52	6.55	6.36	6.08	6.12	6.40	6.43	6.40	1972
1973	7.04	7.10	7.52	7.36	7.28	6.77	6.50	6.14	5.96	6.00	5.84	6.04	6.63	1973
1974	6.20	6.15	6.77	7.33	8.09	7.23	6.46	6.06	5.79	5.73	5.91	6.06	6.48	1974
1975	5.85	6.16	6.37	6.84	6.73	---	5.57	---	5.42	5.64	5.79	---	---	1975
1976	---	---	7.33	---	7.28	6.47	---	---	5.87	5.85	5.78	6.71	---	1976
1977	6.10	5.68	6.42	6.88	6.13	5.37	5.16	5.24	5.52	6.16	5.96	6.16	5.90	1977
1978	---	---	6.41	7.16	6.83	5.99	5.60	5.44	5.33	5.37	5.15	5.11	---	1978
1979	---	5.89	---	---	7.10	---	5.63	5.56	5.79	5.96	---	---	---	1979
1980	---	---	5.82	6.56	6.27	5.51	5.67	5.81	---	---	5.99	---	---	1980
1981	---	---	---	6.71	6.10	---	5.58	---	5.95	---	---	---	---	1981
1982	---	---	---	6.63	6.26	5.64	5.50	5.31	---	---	---	---	---	1982
1983	5.89	5.92	6.11	6.53	---	6.52	5.58	5.44	5.34	5.26	5.80	---	---	1983
1984	---	6.05	6.16	7.13	6.52	---	6.04	---	5.69	5.31	5.45	---	---	1984
1985	---	6.33	6.38	6.65	6.65	5.80	5.73	5.63	5.61	5.58	5.88	5.62	---	1985
MOYEN	7.07	6.90	6.83	6.90	6.60	5.97	5.50	5.40	5.28	5.31	5.40	5.87	6.10	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 41 05
LONG 73 26 38 REGULARISE

DONNEES FOURNIES PAR - SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

R - REVISEE DEPUIS JAN 1980

REMARQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) A VARENNES - STATION NO 020A050

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1897	7.02 EN MAI	---	---	1897
1898	---	---	---	1898
1899	7.02 EN MAI	10.32 LE 21 MAR *	5.01 LE 12 OCT	1899
1900	7.02 EN MAI	---	---	1900
1901	7.02 EN MAI	---	---	1901
1913	7.39 LE 10 MAI	---	---	1913
1914	6.67 LE 12 MAI	---	---	1914
1915	6.56 LE 1 MAI A 2000 HNE	---	---	1915
1916	7.93 LE 21 MAI A 2300 HNE	---	---	1916
1917	7.21 LE 13 JUN A 1700 HNE	---	---	1917
1918	7.05 LE 21 NOV	---	---	1918
1919	8.09 LE 28 MAI	---	---	1919
1920	6.85 LE 4 MAI	---	---	1920
1921	7.00 LE 1 MAI A 1200 HNE	---	---	1921
1922	7.97 LE 21 AVR A 1900 HNE	---	---	1922
1923	---	---	---	1923
1924	7.92 LE 20 DEC A 1500 HNE	---	---	1924
1925	9.61 LE 2 AVR A 1500 HNE	9.61 LE 2 AVR	4.66 LE 5 NOV	1925
1926	9.56 LE 28 AVR A 1500 HNE	9.49 LE 28 AVR	4.72 LE 17 OCT	1926
1927	9.42 LE 21 MAR	9.38 LE 21 MAR	4.67 LE 25 SEP	1927
1928	11.18 LE 14 AVR A 1200 HNE *	---	---	1928
1929	9.89 LE 24 MAR	9.88 LE 24 MAR	5.00 LE 30 NOV	1929
1930	8.68 LE 10 JAN A 1500 HNE	8.66 LE 10 JAN	4.74 LE 30 NOV	1930
1931	7.99 LE 11 JAN A 1500 HNE	7.98 LE 12 JAN	4.75 LE 8 SEP	1931
1932	8.41 LE 13 FEV	8.41 LE 13 FEV	5.28 LE 2 JUL	1932
1933	7.84 LE 4 AVR	7.81 LE 20 AVR	4.40 LE 13 NOV	1933
1934	8.62 LE 14 AVR	8.60 LE 14 AVR	4.26 LE 30 OCT	1934
1935	7.17 LE 11 JAN A 1500 HNE	---	---	1935
1936	8.60 LE 23 MAR	8.50 LE 22 MAR	4.72 LE 27 SEP	1936
1937	8.84 LE 5 AVR	8.81 LE 9 AVR	4.62 LE 18 OCT	1937
1938	9.23 LE 29 MAR A 1600 HNE	9.18 LE 29 MAR	4.71 LE 4 DEC	1938
1939	8.76 LE 24 AVR	8.68 LE 24 AVR	4.76 LE 27 NOV	1939
1940	7.57 LE 21 DEC	7.54 LE 21 DEC	4.83 LE 12 NOV	1940
1941	7.57 LE 1 JAN A 1600 HNE	7.57 LE 1 JAN	4.84 LE 1 OCT	1941
1942	7.84 LE 25 DEC A 1700 HNE	7.79 LE 9 JAN	4.93 LE 19 OCT	1942
1943	8.77 LE 27 DEC	8.77 LE 27 DEC	5.43 LE 7 DEC	1943
1944	8.31 LE 1 JAN	8.29 LE 1 JAN	4.97 LE 7 DEC	1944
1945	9.07 LE 27 DEC A 1700 HNE	9.06 LE 27 DEC	5.43 LE 18 SEP	1945
1946	8.94 LE 9 JAN A 1700 HNE	8.94 LE 8 JAN	5.12 LE 2 DEC	1946
1947	8.71 LE 9 AVR	8.59 LE 9 AVR	5.29 LE 3 DEC	1947
1948	8.72 LE 30 MAR	8.69 LE 30 MAR	4.92 LE 10 NOV	1948
1949	8.37 LE 23 JAN	8.34 LE 23 JAN	4.71 LE 1 NOV	1949
1950	8.84 LE 8 AVR	8.82 LE 8 AVR	5.01 LE 8 OCT	1950
1951	9.79 LE 3 AVR	9.77 LE 3 AVR	5.41 LE 27 SEP	1951
1952	9.14 LE 16 JAN	9.10 LE 16 JAN	5.18 LE 14 NOV	1952
1953	9.05 LE 16 JAN A 1700 HNE	9.03 LE 16 JAN	4.82 LE 30 NOV	1953
1954	8.24 LE 12 JAN A 1800 HNE	---	---	1954
1955	8.58 LE 12 FEV A 1000 HNE	8.54 LE 12 FEV	5.10 LE 27 SEP	1955
1956	8.71 LE 5 JAN A 1700 HNE	---	---	1956
1957	8.22 LE 23 JAN	---	---	1957
1958	8.28 LE 18 JAN A 1000 HNE	8.25 LE 17 JAN	4.81 LE 7 OCT	1958
1959	8.18 LE 9 AVR A 1600 HNE	---	---	1959
1960	8.03 LE 5 JAN	---	---	1960
1961	6.61 LE 4 MAI	---	---	1961
1962	7.85 LE 16 JAN	---	---	1962
1963	7.62 LE 6 AVR	---	---	1963
1964	7.39 LE 2 JAN	7.55 LE 6 AVR	4.48 LE 31 JUL	1964
1965	6.68 LE 21 JAN	7.35 LE 2 JAN	4.24 LE 16 NOV *	1965
1966	8.47 LE 15 JAN	6.84 LE 22 JAN	4.37 LE 29 MAR	1966
1967	7.80 LE 28 FEV A 1915 HNE	---	---	1967
1968	8.85 LE 20 JAN	---	---	1968
1969	7.91 LE 17 JAN A 1301 HNE	---	---	1969
1970	7.29 LE 6 MAI	7.67 LE 17 JAN	5.13 LE 19 OCT	1970
1971	8.25 LE 23 AVR A 2124 HNE	7.26 LE 6 MAI	5.29 LE 13 SEP	1971
1972	8.08 LE 10 MAI	8.21 LE 23 AVR	4.94 LE 11 DEC	1972
1973	8.59 LE 19 MAR A 1713 HNE	8.03 LE 10 MAI	5.41 LE 16 JAN	1973
1974	8.42 LE 25 MAI A 2047 HNE	8.53 LE 19 MAR	5.89 LE 21 NOV	1974
1975	7.79 LE 22 AVR	8.38 LE 26 MAI	5.56 LE 29 OCT	1975
1976	9.16 LE 3 AVR A 1350 HNE	---	---	1976
1977	7.66 LE 18 MAR A 1651 HNE	---	---	1977
1978	7.79 LE 8 FEV A 1830 HNE	7.82 LE 18 MAR	5.05 LE 11 JUL	1978
1979	7.65 LE 3 MAI	---	---	1979
1980	7.21 LE 17 AVR	---	---	1980
1981	8.29 LE 26 FEV A 0540 HNE	---	---	1981
1982	7.32 LE 29 AVR A 1113 HNE	8.28 LE 26 FEV	5.33 LE 26 JUL	1982
1983	8.03 LE 12 MAI A 0403 HNE	7.29 LE 29 AVR	---	1983
1984	7.86 LE 18 AVR A 2310 HNE	8.00 LE 12 MAI	5.10 LE 31 OCT	1984
1985	7.29 LE 4 MAI	7.80 LE 19 AVR	---	1985
		7.27 LE 3 MAI	5.16 LE 26 DEC	

PLAN DE REFRENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) A VERCHERES - STATION NO 020J020

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1897	---	---	---	---	7.14	6.26	5.55	5.23	4.89	4.56	---	5.67	---	1897
1898	---	---	---	---	5.89	5.84	5.46	5.04	4.88	5.00	---	---	---	1898
1899	---	---	---	---	7.27	6.15	5.55	5.08	4.71	4.84	---	---	---	1899
1900	---	---	---	---	6.59	5.78	5.67	5.36	4.98	5.02	---	---	---	1900
1901	---	---	---	---	6.79	6.05	5.22	4.94	4.77	4.88	4.66	---	---	1901
1913	---	---	---	---	---	5.80	5.27	5.00	4.86	4.97	5.18	---	---	1913
1914	---	---	---	---	---	5.27	5.09	4.77	4.68	4.53	---	---	---	1914
1915	---	---	---	---	---	5.05	4.84	4.78	4.73	4.69	4.57	---	---	1915
1916	---	---	---	---	7.18	6.62	6.63	5.10	4.84	4.87	4.90	---	---	1916
1917	---	---	---	---	6.60	6.37	5.88	5.50	5.05	5.08	5.22	---	---	1917
1918	---	---	---	---	---	---	5.85	4.89	5.05	5.43	---	---	---	1918
1934	---	---	---	---	---	---	---	---	4.36	4.36	4.33	---	---	1934
1935	---	---	---	---	5.43	5.07	5.08	4.78	4.59	4.46	---	---	---	1935
1936	---	---	---	---	6.86	5.c	4.94	4.83	4.82	4.88	---	---	---	1936
1937	---	---	---	---	---	5.51	5.13	5.07	4.90	4.84	---	---	---	1937
1938	---	---	---	---	6.32	5.37	4.96	5.03	5.01	4.91	---	---	---	1938
1939	---	---	---	---	---	5.70	5.34	5.24	4.83	4.80	---	---	---	1939
1940	---	---	---	---	---	5.93	5.38	4.82	4.89	4.71	---	---	---	1940
1941	---	---	---	---	5.83	4.95	4.87	4.80	4.75	4.88	---	---	---	1961
1942	---	---	---	---	5.87	5.62	5.10	5.00	4.89	4.81	---	---	---	1942
1943	---	---	---	---	---	6.60	5.84	5.54	5.41	5.28	---	---	---	1943
1944	---	---	---	---	5.96	5.28	5.17	5.07	5.01	4.96	4.86	---	---	1944
1945	---	---	---	---	6.39	6.02	5.44	5.25	5.27	5.63	5.55	---	---	1945
1946	---	---	---	---	5.71	5.55	5.13	5.08	4.84	5.02	5.17	---	---	1946
1947	---	---	---	---	7.78	7.74	6.31	5.67	5.41	5.21	5.10	---	---	1947
1948	---	---	---	---	6.01	5.67	5.29	5.19	5.02	4.87	4.85	---	---	1948
1949	---	---	---	---	5.92	5.24	5.17	4.86	4.77	4.83	---	---	---	1949
1950	---	---	---	---	5.81	5.43	5.17	5.06	5.00	4.84	5.07	---	---	1950
1951	---	---	---	---	6.54	5.55	5.84	5.34	5.20	5.23	5.70	---	---	1951
1952	---	---	---	---	6.85	6.18	5.59	5.54	5.31	5.24	5.04	---	---	1952
1953	---	---	---	---	6.03	5.37	5.23	5.14	5.00	4.87	4.89	---	---	1953
1954	---	---	---	---	6.31	5.98	5.44	5.18	5.24	5.78	5.70	---	---	1954
1955	---	---	---	---	6.13	5.45	5.16	5.08	4.84	4.88	5.26	---	---	1955
1956	---	---	---	---	6.18	5.84	5.37	5.24	5.36	5.21	4.91	---	---	1956
1957	---	---	---	---	6.23	5.04	5.55	4.85	4.78	4.82	5.08	---	---	1957
1958	---	---	---	---	5.21	4.98	4.97	4.73	4.80	4.91	4.85	---	---	1958
1959	5.83	6.12	5.86	---	6.64	5.24	4.87	4.73	4.82	4.82	5.06	---	---	1959
1960	---	6.51	6.37	7.28	7.00	5.89	5.61	5.20	4.75	4.46	4.53	---	---	1960
1961	---	6.20	5.90	5.94	5.66	5.42	5.28	5.03	5.01	4.85	4.85	4.86	---	1961
1962	6.53	---	---	5.89	5.38	4.66	4.50	4.53	4.46	4.52	4.68	---	---	1962
1963	---	---	---	---	---	4.52	4.37	4.44	4.63	4.43	4.78	5.16	---	1963
1964	6.03	5.69	5.39	5.08	4.74	4.49	4.38	4.31	4.24	4.26	4.22	4.81	4.78	1964
1965	5.33	5.53	4.92	4.67	4.80	4.30	4.22	4.67	4.68	5.32	5.19	5.26	4.89	1965
1966	6.52	6.54	6.08	5.80	5.33	5.03	4.88	4.83	4.74	4.86	4.80	---	---	1966
1967	5.66	7.22	6.01	6.28	5.95	5.43	5.18	4.84	4.80	5.39	6.09	5.88	5.71	1967
1968	7.01	---	6.15	6.40	5.37	5.03	5.17	5.04	5.12	5.01	5.14	5.43	---	1968
1969	6.46	6.00	5.86	6.57	6.58	5.86	5.60	5.51	5.26	4.99	5.47	5.53	5.79	1969
1970	5.76	5.81	5.40	6.13	6.27	5.53	5.38	5.31	5.11	5.27	5.37	5.84	5.58	1970
1971	6.33	6.55	6.15	6.68	6.78	5.43	4.86	4.97	5.08	4.96	4.83	5.02	5.64	1971
1972	5.33	5.85	5.97	6.53	7.16	6.19	6.20	6.00	5.71	5.76	6.06	6.13	6.06	1972
1973	6.73	6.72	7.18	7.02	---	---	6.11	5.77	5.59	5.64	5.49	5.72	---	1973
1974	5.84	5.78	6.38	7.00	7.79	6.88	6.10	5.69	5.43	5.36	5.67	5.73	6.13	1974
1975	5.63	5.81	6.03	6.52	6.41	6.83	6.20	6.05	5.08	5.29	5.65	5.78R	5.67R	1975
1976	6.68	---	6.97	7.87	6.95	6.11	6.05	5.78	5.53	5.61	5.42	5.41	---	1976
1977	5.78	6.38	---	6.67	6.81	---	4.82	---	5.18	---	6.63	---	---	1977
1978	6.36	---	6.01	6.84	---	---	---	5.15	5.00	---	---	---	---	1978
1979	---	6.66	---	---	---	6.76	6.30	6.22	---	---	6.78	6.97	---	1979
1980	---	6.43	6.50	---	6.94	6.29	---	6.48	6.54	6.67	---	---	---	1980
1981	---	6.31	6.08	6.37	6.78	6.66	6.26	6.38	6.60	6.66	6.64	6.63	---	1981
1982	6.42	6.68	---	---	---	6.32	6.17	6.09	6.09	6.03	6.16	6.67	---	1982
1983	6.38	6.64	6.82	6.26	7.11	6.20	6.23	6.12	---	6.04	6.62	6.68	---	1983
1984	6.43	6.74	6.88	6.78	6.20	6.07	6.72	---	---	6.03	6.16	6.30	---	1984
1985	6.01	---	6.06	6.36	6.33	6.48	---	---	6.30	6.27	---	6.31	---	1985
MOYEN	6.00	5.97	5.99	6.38	6.21	6.63	6.29	6.10	4.98	5.00	6.16	6.48R	6.58R	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 46 44
LONG 73 21 27 REGULARISE

DONNEES FOURNIES PAR - SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

R - REVISEE DEPUIS JAN 1980

REMARQUES - DONNEES PUBLIEES COMME RECUES MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) A VERCHERES - STATION NO 020J020

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1897	6.76 EN MAI	---	---	1897
1898	6.76 EN MAI	---	---	1898
1899	6.76 EN MAI	---	---	1899
1900	6.76 EN MAI	---	---	1900
1901	6.76 EN MAI	---	---	1901
1913	6.76 EN MAI	---	---	1913
1914	6.76 EN MAI	---	---	1914
1915	6.76 EN AVR	---	---	1915
1916	6.76 EN AVR	---	---	1916
1917	6.84 LE 13 JUN A 1800 HNE	---	---	1917
1918	6.76 LE 21 NOV	---	---	1918
1934	6.76 EN ADU	---	---	1934
1935	6.14 LE 4 MAI A 1200 HNE	---	---	1935
1936	7.59 LE 21 MAI A 2100 HNE	---	---	1936
1937	6.91 LE 15 MAI A 1030 HNE	---	---	1937
1938	7.07 LE 26 AVR	---	---	1938
1939	7.22 LE 13 MAI	---	---	1939
1940	6.60 LE 7 MAI	---	---	1940
1941	6.58 LE 27 AVR	---	---	1941
1942	6.87 LE 2 MAI	---	---	1942
1943	8.00 LE 16 MAI	---	---	1943
1944	6.47 LE 13 MAI	---	---	1944
1945	6.88 LE 20 MAI	---	---	1945
1946	6.06 LE 24 MAI	---	---	1946
1947	8.32 LE 25 MAI A 1700 HNE	---	---	1947
1948	6.45 LE 25 AVR	---	---	1948
1949	6.53 LE 22 AVR A 2100 HNE	---	---	1949
1950	6.51 LE 23 AVR	---	---	1950
1951	8.07 LE 18 AVR	---	---	1951
1952	7.17 LE 17 AVR	---	---	1952
1953	6.72 LE 15 AVR A 1930 HNE	---	---	1953
1954	7.33 LE 23 AVR A 2300 HNE	---	---	1954
1955	7.80 LE 24 AVR A 1800 HNE	---	---	1955
1956	6.42 LE 2 MAI A 1100 HNE	---	---	1956
1957	5.86 LE 11 JUL A 2200 HNE	---	---	1957
1958	7.31 LE 16 DEC	---	---	1958
1959	7.54 LE 31 DEC A 2130 HNE	---	---	1959
1960	7.74 LE 23 AVR A 1225 HNE	---	---	1960
1961	6.75 LE 6 FEV	---	---	1961
1962	7.42 LE 16 JAN A 1230 HNE	---	---	1962
1963	6.53 LE 29 DEC A 1724 HNE	---	---	1963
1964	6.53 LE 2 JAN A 1259 HNE	6.48 LE 2 JAN	4.01 LE 15 NOV *	1964
1965	6.06 LE 21 JAN A 1215 HNE	6.03 LE 21 JAN	4.04 LE 26 JUN	1965
1966	8.07 LE 3 FEV	8.00 LE 3 FEV	4.50 LE 9 OCT	1966
1967	8.06 LE 16 FEV A 1830 HNE	8.00 LE 16 FEV	4.63 LE 21 SEP	1967
1968	8.18 LE 26 JAN A 2027 HNE	---	---	1968
1969	7.58 LE 17 JAN A 1617 HNE	7.53 LE 17 JAN	4.82 LE 15 OCT	1969
1970	7.01 LE 6 MAI	6.95 LE 6 MAI	4.95 LE 13 SEP	1970
1971	7.90 LE 24 AVR A 1122 HNE	7.88 LE 24 AVR	4.56 LE 11 DEC	1971
1972	7.74 LE 10 MAI	7.70 LE 10 MAI	5.09 LE 18 JAN	1972
1973	8.31 LE 19 MAR A 1746 HNE	---	---	1973
1974	8.15 LE 25 MAI A 2015 HNE	8.07 LE 25 MAI *	5.18 E 29 OCT	1974
1975	7.46 LE 22 AVR	7.40 LE 25 AVR	4.92 LE 2 ADU	1975
1976	8.83 LE 3 AVR A 1810 HNE *	---	---	1976
1977	7.35 LE 18 MAR A 1840 HNE	---	---	1977
1978	7.49 LE 22 AVR	---	---	1978
1979	7.36 LE 31 MAR A 1847 HNE	---	---	1979
1980	6.91 LE 17 AVR	---	---	1980
1981	7.89 LE 26 FEV A 1020 HNE	7.86 LE 26 FEV	4.99 LE 26 JUL	1981
1982	---	---	4.69 LE 25 OCT	1982
1983	7.76 LE 12 MAI A 0432 HNE	7.72 LE 12 MAI	4.86 LE 3 OCT	1983
1984	7.57 LE 19 AVR	7.48 LE 19 AVR	4.75 LE 4 NOV	1984
1985	7.00 LE 4 MAI	6.95 LE 3 MAI	4.90 LE 28 DEC	1985

PLAN DE REFRENCE - INTERNATIONAL DES GRANDS LACS (1959)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) AU PONT MERCIER - STATION NO 02OA017

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1954	---	---	---	---	---	---	---	---	1.414	1.683	1.689	1.632	---	1954
1955	1.639	1.482	1.755	2.518	1.943	1.898	1.534	1.417	1.327	1.343	1.581	1.485	1.640	1955
1956	1.433	1.266	1.302	1.883	2.024	1.874	1.628	1.521	1.585	1.477	1.309	1.272	1.547	1956
1957	1.460	1.318	1.428	1.466	1.474	1.398	1.634	1.276	1.235	1.202	1.269	1.278	1.371	1957
1958	1.276	1.178	1.256	1.719	1.326	1.280	1.231	1.008	1.037	1.081	0.973	0.886	1.186	1958
1959	0.720	0.891	0.928	1.572	1.455	1.297	1.084	0.838	0.763	0.714	0.920	1.178	1.028	1959
1960	1.361	1.291	1.248	1.838	2.036	1.598	1.787	1.487	1.202	0.913	0.870	1.024	1.404	1960
1961	1.389	1.188	1.098	1.400	1.605	1.776	1.642	1.443	1.382	1.238	1.052	1.139	1.384	1961
1962	1.246	1.224	1.126	1.386	1.264	1.045	1.006	1.034	0.997	0.996	1.013	1.018	1.112	1962
1963	1.194	1.122	0.843	1.298	0.951	0.856	0.838	0.963	0.970	0.945	0.986	1.208	1.040	1963
1964	1.311	1.086	1.018	1.008	0.895	0.907	0.856	0.886	0.858	0.867	0.827	0.827	0.944	1964
1965	0.890	0.986	0.729	0.923	0.934	0.771	0.807	0.918	1.000	1.278	1.245	1.320	0.992	1965
1966	1.458	1.409	1.835	1.627	1.305	1.187	1.052	1.078	1.085	1.045	1.123	1.449	1.285	1966
1967	1.349	1.457	1.145	1.714	1.808	1.429	1.308	1.250	1.210	1.514	1.893	1.852	1.485	1967
1968	1.548	1.633	1.579	1.949	1.485	1.322	1.490	1.488	1.552	1.464	1.439	1.423	1.530	1968
1969	1.659	1.808	1.579	2.090	2.087	1.956	1.861	1.824	1.620	1.425	1.517	1.461	1.724	1969
1970	1.509	1.414	1.359	1.721	1.828	1.631	1.613	1.618	1.480	1.567	1.842	1.628	1.586	1970
1971	1.628	1.570	1.619	2.181	2.243	1.894	1.486	1.447	1.476	1.420	1.288	1.277	1.610	1971
1972	1.332	1.427	1.487	2.087	2.426	2.105	2.174	2.089	2.003	1.957	2.041	1.753	1.908	1972
1973	1.700	1.883	2.362	2.527	2.497	2.412	2.284	2.038	1.959	1.929	1.828	1.686	2.093	1973
1974	1.774	1.803	2.080	2.471	2.759	2.501	2.238	2.045	1.891	1.835	1.767	1.825	2.083	1974
1975	1.819	1.545	1.882	2.173	2.062	2.014	1.727	1.606	1.624	1.716	1.764	1.665	1.784	1975
1976	1.831	1.757	2.100	2.676	2.519	2.268	2.216	2.008	1.876	1.875	1.782	1.451	2.013	1976
1977	1.738	1.328	1.807	2.181	1.855	1.467	1.339	1.416	1.587	1.940	1.882	1.701	1.690	1977
1978	1.832	1.998	1.922	2.377	2.273	1.946	1.713	1.591	1.525	1.509	1.374	1.173	1.767	1978
1979	1.549	1.697	1.978	2.306	2.420	1.964	1.698	1.620	1.744	1.898	1.978	2.069	1.911	1979
1980	1.668	1.589	1.649	2.108	2.044	1.771	1.749	1.789	1.673	1.888	1.882	1.850	1.808	1980
1981	1.485	1.658	1.798	1.887	1.741	1.722	1.600	1.711	1.943	1.894	2.024	1.904	1.787	1981
1982	1.627	1.724	1.624	2.090	1.945	1.777	1.748	1.598	1.548	1.506	1.842	1.825	1.721	1982
1983	1.557	1.618	1.852	2.034	2.381	2.140	1.895	1.806	1.580	1.582	1.678	1.802	1.793	1983
1984	1.581	1.807	1.864	2.319	2.205	2.130	1.976	1.898	1.794	1.559	1.641	1.643	1.887	1984
1985	1.673	1.741	2.022	2.251	2.240	1.914	1.875	1.857	1.703	1.781	1.778	1.689	1.882	1985
MOYEN	1.482	1.474	1.554	1.935	1.866	1.675	1.579	1.496	1.466	1.471	1.496	1.474	1.579	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 18.016 m POUR OBTENIR LES COTES INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 25 13
LONG 73 38 07 REGULARISE

REMARQUES - DONNEEES DE 1954 A 1962 FOURNIES PAR LE SERVICE HYDROGRAPHIQUE DU CANADA

SAINT-LAURENT (FLEUVE) AU PONT MERCIER - STATION NO 02OA017

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1954	---	---	1.318 LE 14 SEP	1954
1955	2.809 LE 7 AVR A 2300 HNE	2.732 LE 23 AVR	1.190 LE 6 OCT	1955
1956	2.263 LE 17 AVR A 2000 HNE	2.223 LE 1 MAI	0.940 LE 31 DEC	1956
1957	1.967 LE 6 JUL A 1800 HNE	1.919 LE 6 JUL	0.956 LE 18 DEC	1957
1958	1.989 LE 30 MAR A 2100 HNE	1.928 LE 5 AVR	0.544 LE 12 DEC	1958
1959	1.955 LE 11 AVR A 2100 HNE	1.885 LE 12 AVR	0.306 LE 10 JAN *	1959
1960	2.574 LE 24 AVR A 0030 HNE	2.495 LE 24 AVR	0.800A LE 18 OCT	1960
1961	1.885 LE 17 JUN A 0005 HNE	1.846 LE 16 JUN	0.904 LE 20 MAR	1961
1962	2.047 LE 9 AVR A 2231 HNE	1.908E LE 10 AVR	0.834A LE 28 MAI	1962
1963	---	1.839E LE 5 AVR	0.730E LE 17 MAR	1963
1964	---	1.898E LE 2 JAN	0.623E LE 20 DEC	1964
1965	1.577 LE 31 DEC A 2359 HNE	1.471 LE 31 DEC	0.450 LE 28 MAR	1965
1966	1.940 LE 26 MAR A 0520 HNE	1.891 LE 25 MAR	0.962 LE 9 OCT	1966
1967	---	2.092E LE 16 NOV	0.803 LE 26 MAR	1967
1968	2.233 LE 2 AVR A 1610 HNE	2.214 LE 2 AVR	0.943 LE 16 DEC	1968
1969	2.367 LE 24 AVR A 2130 HNE	2.330 LE 24 AVR	1.254 LE 25 DEC	1969
1970	2.016 LE 16 AVR A 2230 HNE	1.998 LE 7 MAI	1.055 LE 22 MAR	1970
1971	2.891 LE 23 AVR A 0525 HNE	2.864 LE 22 AVR	1.087 LE 6 DEC	1971
1972	2.757A LE 7 MAI	2.757A LE 7 MAI	1.087 LE 16 JAN	1972
1973	2.870 LE 19 MAR A 0430 HNE	2.852 LE 19 MAR	1.312 LE 25 DEC	1973
1974	2.967 LE 23 MAI A 1905 HNE	2.843 LE 23 MAI	1.496 LE 1 FEV	1974
1975	2.772 LE 21 AVR A 1419 HNE	2.751 LE 21 AVR	1.257 LE 27 JAN	1975
1976	3.159 LE 2 AVR A 0812 HNE *	3.123 LE 2 AVR *	1.184 LE 14 DEC	1976
1977	2.598 LE 16 MAR A 1845 HNE	2.556 LE 16 MAR	0.945 LE 27 FEV	1977
1978	2.833 LE 14 AVR A 2300 HNE	2.732 LE 15 AVR	0.885 LE 20 DEC	1978
1979	2.696 LE 26 MAR A 2212 HNE	2.647 LE 2 MAI	1.269 LE 1 JAN	1979
1980	2.409 LE 17 AVR A 0400 HNE	2.388 LE 17 AVR	1.173 LE 31 DEC	1980
1981	2.446 LE 30 OCT A 0300 HNE	2.413 LE 29 OCT	0.962 LE 1 JAN	1981
1982	---	2.378 LE 28 AVR	1.123 LE 12 JAN	1982
1983	2.685 LE 12 MAI A 0918 HNE	2.636 LE 12 MAI	1.299 LE 21 JAN	1983
1984	2.653 LE 7 AVR A 1332 HNE	2.623 LE 7 AVR	1.345 LE 8 JAN	1984
1985	2.627 LE 6 MAI A 1401 HNE	2.474 LE 6 MAI	1.080 LE 26 DEC	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 18.016 m POUR OBTENIR LES COTES INTERNATIONAL DES GRANDS LACS (1955)

A - JAUGE MANUELLE (VOIR INDEX DE REFRENCE)
E - ESTIMATIVE
* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) AU QUAI DE LA RUE FRONTENAC (MONTREAL) - STATION NO. 02DA047

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1935	---	---	---	---	6.08	5.71	5.76	5.45	5.25	5.12	---	---	---	1935
1936	---	---	---	---	7.55	6.53	5.64	5.32	5.29	5.13	---	---	---	1936
1937	---	---	---	---	7.20	6.28	5.91	5.65	5.65	5.66	---	---	---	1937
1938	---	---	---	---	---	6.18	5.74	5.79	5.74	5.65	---	---	---	1938
1939	---	---	---	---	---	6.48	6.12	6.01	5.58	5.54	---	---	---	1939
1940	---	---	---	---	---	---	---	---	---	---	---	---	---	
1941	---	---	---	---	---	6.69	6.18	5.70	5.65	5.45	---	---	---	1940
1942	---	---	---	---	---	5.69	5.60	5.52	5.45	5.56	---	---	---	1941
1943	---	---	---	---	6.66	6.37	5.86	5.76	5.64	5.55	---	---	---	1942
1944	---	---	---	---	---	7.43	6.70	6.41	6.29	6.12	---	---	---	1943
1945	---	---	---	---	---	6.13	6.04	5.93	5.84	5.76	---	---	---	1944
1946	---	---	---	---	7.16	6.86	6.30	6.12	6.13	6.48	---	---	---	1945
1947	---	---	---	---	6.62	6.41	6.01	5.95	5.80	5.86	---	---	---	1946
1948	---	---	---	---	---	6.56	7.19	6.57	6.31	6.07	---	---	---	1947
1949	---	---	---	---	6.84	6.45	6.20	6.10	6.88	5.70	---	---	---	1948
1950	---	---	---	---	6.72	6.07	6.00	5.66	5.56	5.42	---	---	---	1949
1955	---	---	---	---	---	6.27	6.03	5.92	5.83	5.66	---	---	---	1950
1956	---	8.26	7.20	7.24	6.92	6.31	6.05	5.93	5.79	5.83	6.11	---	---	1955
1957	---	9.44	---	6.16	6.95	6.86	6.24	6.09	6.21	6.06	5.75	5.81	---	1956
1958	---	---	8.27	6.97	---	---	6.39	5.68	---	5.62	---	6.01	---	1957
1959	7.80	---	7.50	7.44	6.40	6.02	5.71	5.48	5.53	5.64	5.56	7.70	---	1958
1960	10.14	9.73	7.53	8.05	7.76	6.57	6.52	6.12	5.82	5.23	5.29	6.03	7.04	1959
1961	8.92	---	7.41	6.63	6.40	6.29	6.16	5.86	5.84	6.66	5.35	---	---	1960
1962	---	---	6.65	6.54	6.04	6.39	5.26	5.32	5.25	5.30	5.40	5.78	---	1961
1963	9.20	---	6.71	6.85	6.61	6.24	6.15	5.24	5.32	6.21	5.49	5.87	---	1962
1964	7.92	6.46	6.12	5.75	6.41	6.24	6.14	5.07	5.02	5.04	4.98	5.32	5.62	1963
1965	6.10	7.23	5.75	5.43	5.48	5.02	4.99	5.26	5.47	6.11	6.01	6.11	5.81	1964
1966	7.10	7.80	7.01	6.59	6.08	5.81	5.51	5.83	5.54	5.45	5.67	6.41	6.26	1965
1967	6.39	8.37	6.83	6.87	6.67	6.21	5.98	5.68	5.64	6.71	6.87	6.74	6.55	1966
1968	8.46	7.41	7.09	7.15	6.12	5.80	6.02	5.95	6.03	5.87	5.97	6.23	6.51	1967
1969	7.08	8.76	6.48	7.35	7.34	6.71	6.50	6.43	6.14	5.84	6.25	6.41	6.61	1968
1970	6.55	6.39	6.21	6.86	6.97	6.32	6.26	6.21	5.97	6.12	6.20	6.62	6.39	1969
1971	7.14	7.56	6.96	7.49	7.53	6.26	5.84	5.85	5.95	5.82	6.65	6.81	6.48	1970
1972	6.13	6.41	6.82	7.34	7.93	7.03	7.14	6.90	6.65	6.88	6.93	6.92	6.90	1971
1973	7.44	7.53	7.59	7.86	7.78	7.32	7.07	6.72	6.56	6.58	6.41	6.55	7.15	1972
1974	6.84	6.62	7.29	7.63	8.55	7.73	7.02	6.85	6.38	6.31	6.44	6.58	7.00	1973
1975	6.43	6.63	6.88	7.36	7.22	6.71	6.14	5.89	6.02	6.22	6.34	---	---	1974
1976	---	7.66	7.82	8.43	7.77	7.02	6.97	6.68	6.44	6.80	6.30	6.18	---	1975
1977	---	6.08	6.87	7.35	6.61	6.87	6.86	6.79	6.08	6.70	6.51	---	---	1976
1978	7.15	7.42	6.83	7.84	7.32	6.51	6.14	6.01	5.91	5.91	5.86	6.60	6.51	1977
1979	6.26	6.36	6.87	---	7.84	6.87	---	6.14	6.35	6.52	6.85	6.85	---	1978
1980	6.37	6.24	6.32	---	---	6.16	---	---	---	6.59	6.51	---	---	1979
1981	---	7.16	---	---	---	6.32	---	---	6.53	6.59	---	---	---	1980
1982	---	6.38	6.34	7.11	6.71	6.19	6.10	5.81	5.87	5.81	6.02	---	---	1981
1983	---	6.40	6.80	7.00	---	7.02	6.13	6.03	5.86	5.85	6.33	6.50	---	1982
1984	---	6.54	---	---	7.09	---	---	---	---	---	6.00	---	---	1983
1985	---	6.78	---	7.16	---	---	6.30	---	---	6.17	6.22	---	---	1984
MOYEN	7.40	7.19	6.94	7.09	6.88	6.38	6.08	5.91	5.85	5.87	6.02	6.30	6.53	1985
														MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 31 43
LONG 73 32 34

REGULARISE

DONNEES FOURNIES PAR - SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

R - REVISEE DEPUIS JAN 1980

REMARQUES - DONNEES PUBLIEES COMME RECUES MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) AU QUAI DE LA RUE FRONTENAC (MONTREAL) - STATION NO. 02OA047

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1935	8.77 LE 4 MAI	---	---	1935
1936	8.27 LE 21 MAI A 2400 HNE	---	---	1936
1937	7.67 LE 15 MAI A 1230 HNE	---	---	1937
1938	7.51 LE 5 MAI A 1300 HNE	---	---	1938
1939	7.90 LE 12 MAI	---	---	1939
1940	7.26 LE 7 MAI	---	---	1940
1941	7.03 LE 3 MAI	---	---	1941
1942	7.50 LE 2 MAI	---	---	1942
1943	8.88 LE 15 MAI	---	---	1943
1944	7.24 LE 13 MAI	---	---	1944
1945	7.89 LE 20 MAI	---	---	1945
1946	6.85 LE 24 MAI	---	---	1946
1947	8.03 LE 24 MAI	---	---	1947
1948	7.10 LE 1 MAI	---	---	1948
1949	7.33 LE 2 MAI A 2400 HNE	---	---	1949
1950	8.82 LE 3 MAI A 2100 HNE	---	---	1950
1955	8.66 LE 24 AVR	---	---	1955
1956	10.34 LE 10 JAN	---	---	1956
1957	10.05 LE 4 FEV A 2000 HNE	---	---	1957
1958	11.52 LE 5 FEV	---	---	1958
1959	10.17 LE 3 JAN	---	---	1959
1960	12.71 LE 21 JAN *	11.81 LE 21 JAN *	4.99 LE 16 OCT	1960
1961	8.85 LE 4 JAN	---	---	1961
1962	8.97 LE 31 DEC A 2400 HNE	---	---	1962
1963	8.85 LE 24 JAN A 1305 HNE	---	---	1963
1964	9.48 LE 14 JAN A 2331 HNE	9.25 LE 15 JAN	4.75 LE 18 NOV *	1964
1965	9.09 LE 20 JAN	8.82 LE 25 JAN	4.79 LE 28 JUN	1965
1966	9.56 LE 17 JAN A 1259 HNE	9.36 LE 17 JAN	5.31 LE 8 OCT	1966
1967	9.72 LE 22 FEV A 1755 HNE	9.51 LE 18 FEV	5.42 LE 31 SEP	1967
1968	10.50 LE 20 JAN	10.34 LE 20 JAN	5.65 LE 7 JUN	1968
1969	8.03 LE 17 JAN A 1323 HNE	7.95 LE 17 JAN	5.67 LE 20 OCT	1969
1970	7.89 LE 8 MAI	7.63 LE 8 MAI	5.46 LE 10 SEP	1970
1971	8.81 LE 8 FEV	8.83 LE 8 FEV	5.44 LE 1 DEC	1971
1972	8.56 LE 10 MAI	8.48 LE 10 MAI	5.84 LE 16 JAN	1972
1973	9.05 LE 19 MAR A 1630 HNE	8.95 LE 19 MAR	5.24 LE 22 NOV	1973
1974	8.94 LE 23 MAI	8.85 LE 23 MAI	5.14 LE 28 OCT	1974
1975	8.33 LE 22 AVR	---	---	1975
1976	9.55 LE 3 AVR A 1906 HNE	---	---	1976
1977	8.17 LE 18 MAR A 1606 HNE	---	---	1977
1978	8.78 LE 8 FEV A 1311 HNE	8.44 LE 8 FEV	5.35 LE 20 DEC	1978
1979	8.19 LE 2 MAI A 1801 HNE	---	---	1979
1980	7.89 LE 17 AVR	---	---	1980
1981	8.77 LE 26 FEV A 0221 HNE	8.73 LE 26 FEV	5.84 LE 20 JUL	1981
1982	7.72 LE 29 AVR	7.89 LE 29 AVR	5.60 LE 25 OCT	1982
1983	8.54 LE 12 MAI A 1112 HNE	8.41 LE 12 MAI	5.78 LE 31 OCT	1983
1984	8.30 LE 18 AVR A 2329 HNE	8.21 LE 18 AVR	---	1984
1985	---	---	5.55 LE 25 DEC	1985

PLAN DE REFRENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) EN AMONT DE L'ECLUSE A BEAUHARNOIS - STATION NO 02MC019

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1959	---	---	---	---	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	---	---	---	45.86	45.81	45.87	45.80	45.72	---	---	1960
1961	---	---	---	---	---	---	45.42	45.55	---	45.89	45.76	45.76	---	1961
1962	---	---	---	---	45.70	---	45.75	45.71	45.70	45.73	45.74	45.75	45.69	1962
1963	45.51	45.54	45.55	45.80	45.78	45.77	45.76	45.78	45.83	45.83	45.86	45.72	45.71	1963
1964	45.63	45.63	45.50	45.76	45.83	45.78	45.76	45.78	45.83	45.83	45.86	45.81	45.86	1964
1965	45.87	45.78	45.85	45.93	45.83	45.88	45.87	45.83	45.85	45.86	45.81	45.89	45.86	1965
1966	45.83	45.86	45.94	46.00	46.00	45.98	45.90	45.87	45.89	45.87	45.87	45.76	45.90	1966
1967	45.37	45.22	45.46	45.88	45.84	45.86	45.80	45.80	45.81	45.83	45.84	45.77	45.69	1967
1968	45.62	45.28	45.34	45.79	46.62	45.87	45.80	45.78	45.81	45.85	45.81	45.88	45.86	1968
1969	45.31	45.18	45.27	45.62	45.88	45.74	45.87	45.82	45.87	45.89	45.87	45.88	45.85	1969
1970	45.40	45.22	45.19	45.67	45.84	45.80	45.86	45.80	45.82	45.82	45.86	45.70	45.84	1970
1971	45.22	45.20	45.15	45.58	45.86	45.70	45.83	45.83	45.83	45.80	45.84	45.88	45.83	1971
1972	45.22	45.13	45.02	45.38	45.84	45.83	45.83	45.85	45.86	45.83	45.71	45.80	45.51	1972
1973	45.70	45.38	45.08	45.40	45.71	45.86	45.75	45.82	45.84	45.85	45.86	45.73	45.57	1973
1974	45.11	45.14	45.38	45.70	45.86	45.51	45.54	45.84	45.83	45.82	45.89	45.83	45.48	1974
1975	45.22	45.18	45.46	45.74	45.70	45.74	45.72	45.78	45.89	45.73	45.70	45.85	45.81	1975
1976	45.63	45.07	45.28	45.71	45.71	45.71	45.86	45.89	45.72	45.72	45.89	45.88R	45.81R	1976
1977	---	45.13	45.28	45.78	---	45.86	45.83	45.81	---	---	---	---	---	1977
1978	---	---	45.15	45.81	45.78	45.81	45.78	45.83	45.74	45.89	45.74	---	---	1978
1979	45.43	45.48	45.24	45.78	45.73	45.74	45.72	45.73	45.71	45.73	45.82	45.78	45.86	1979
1980	45.80	45.40	45.39	---	---	45.78	---	45.77	45.82	45.82	---	45.86	---	1980
1980	45.34	45.34	45.51	45.80	45.83	---	---	45.82	45.86	45.83	45.82	---	---	1980
1981	---	---	45.82	---	---	45.87	45.88	45.72	45.83	45.77	45.78	45.71	---	1981
1982	---	45.43	---	45.84	45.85	45.88	45.85	45.86	45.88	45.85	---	---	---	1982
1983	45.85	45.51	---	---	---	45.80	45.83	45.82	45.84	45.85	45.80	45.84	---	1983
1984	45.10	45.20	45.27	---	45.83	45.88	---	45.82	---	---	---	---	---	1984
1985	---	---	---	---	---	---	45.84	45.80	45.84	---	45.82	45.88	---	1985
MOYEN	45.43	45.34	45.38	45.72	45.76	45.77	45.74	45.74	45.75	45.73	45.75	45.73R	45.64R	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 17 58
LONG 73 55 50
REGULARISE

DONNEES FOURNIES PAR - SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

R - REVISEE DEPUIS JAN 1980

REMARQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) EN AMONT DE L'ECLUSE A BEAUHARNOIS - STATION NO 02MC019

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1959	46.17 LE 15 DEC A 2330 HNE	---	---	1959
1960	46.31 LE 31 JUL A 1435 HNE	---	---	1960
1961	46.12 LE 29 DEC	---	---	1961
1962	46.12 LE * JAN	---	---	1962
1963	46.13 LE 23 NOV A 1352 HNE	45.97 LE 8 AVR	45.19 LE 12 JAN	1963
1964	46.38 LE 9 MAI A 1410 HNE	46.04 LE 15 DEC	45.19 LE 2 JAN	1964
1965	46.23 LE 1 JAN	46.18 LE 19 DEC	45.49 LE 2 JAN	1965
1966	46.12 LE 11 DEC	46.13 LE 27 MAR	45.81 LE 31 DEC	1966
1967	46.04 LE 17 JAN A 1330 HNE	46.02 LE 11 DEC	45.08 LE 14 JAN	1967
1968	46.17 LE 17 DEC A 1635 HNE	45.88 LE 9 AVR	45.21 LE 17 FEV	1968
1969	46.12 LE 26 DEC	45.96 LE 18 DEC	45.10 LE 12 MAR	1969
1970	46.18 LE 27 DEC	45.89 LE 26 DEC	45.09 LE 23 MAR	1970
1971	46.25 LE 29 DEC A 1503 HNE	45.05 LE 27 DEC	44.95 LE 24 MAR	1971
1972	46.58 LE 17 DEC A 1609 HNE	46.09 LE 29 DEC	44.94 LE 26 MAR	1972
1973	46.22 LE 18 DEC A 2045 HNE	45.86 LE 3 JAN	44.85 LE 2 AVR *	1973
1974	46.20 LE 7 NOV A 1139 HNE	46.02 LE 19 DEC	44.99 LE 9 MAR	1974
1975	46.33 LE 30 AOU A 1750 HNE	45.98 LE 4 AVR	44.94 LE 20 FEV	1975
1976	46.10 LE 12 AVR A 1240 HNE	46.14 LE 19 JAN	44.98R LE 31 DEC	1976
1977	46.40 LE 26 DEC A 2025 HNE	---	---	1977
1978	46.39 LE 21 DEC A 1253 HNE	---	---	1978
1979	46.48 LE 14 SEP A 1023 HNE	46.12 LE 21 DEC	44.98 LE 23 MAR	1979
1980	46.43 LE 1 OCT A 2204 HNE	---	---	1980
1981	46.47 LE 1 SEP A 0844 HNE	---	---	1981
1982	46.62 LE 14 DEC A 1440 HNE *	46.01 LE 28 JUN	---	1982
1983	46.57 LE 23 DEC A 0021 HNE	45.97 LE 7 JAN	45.05 LE 17 MAR	1983
1984	46.50 LE 15 AOU A 1857 HNE	46.26 LE 16 MAI *	45.00 LE 30 DEC	1984
1985	46.31 LE 23 DEC A 1001 HNE	46.00 LE 15 AOU	---	1985
		46.15 LE 23 DEC	---	

PLAN DE REFRENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

SAINT-LAURENT (FLEUVE) EN AMONT DE L'ECLUSE A COTE-SAINTE-CATHERINE - STATION NO 02OA043

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1958	---	---	---	---	---	---	---	---	---	---	---	---	---	1958
1959	---	---	---	---	---	---	---	---	---	---	---	---	---	1959
1960	21.18	21.02	20.97	21.85	21.97	21.45	21.40	21.14	20.76	20.46	20.52	20.84	21.11	1960
1961	21.11	20.81	20.86	20.95	21.18	21.33	21.19	20.98	20.92	20.78	20.59	20.71	20.94	1961
1962	21.00	20.91	20.68	20.82	20.78	20.58	20.54	20.58	20.54	20.53	20.53	20.62	20.69	1962
1963	20.88	20.82	20.50	20.89	20.52	20.49	20.49	20.51	20.51	20.48	20.49	20.84	20.62	1963
1964	20.85	20.74	20.55	20.53	20.43	20.44	20.41	20.42	20.40	20.40	20.35	20.38	20.50	1964
1965	20.72	20.63	20.24	20.42	20.45	20.30	20.36	20.48	20.56	20.85	20.79	20.85	20.55	1965
1966	21.18	21.06	21.17	21.18	20.84	20.72	20.61	20.85	20.62	20.59	20.66	21.04	20.88	1966
1967	21.05	21.20	20.67	21.28	21.17	20.87	20.85	20.74	20.77	21.09	21.62	21.44	21.07	1967
1968	21.35	21.35	21.18	21.55	21.04	20.88	21.06	21.08	21.14	21.03	20.88	21.03	21.14	1968
1969	21.34	21.30	21.17	21.71	21.70	21.55	21.47	21.44	21.32	21.01	21.07	21.05	21.33	1969
1970	21.24	21.11	20.89	21.30	21.42	21.18	21.19	21.21	21.08	21.13	21.21	21.27	21.19	1970
1971	21.32	21.21	21.06	21.74	21.84	21.25	21.04	21.02	21.04	20.97	20.80	20.81	21.17	1971
1972	21.02	21.15	21.09	21.70	22.08	21.70	21.78	21.70	21.58	21.54	21.62	21.34	21.53	1972
1973	21.42	21.62	21.96	22.18	22.14	22.02	21.89	21.64	21.55	21.51	21.40	21.24	21.71	1973
1974	21.44	21.48	21.85	22.09	22.41	22.13	21.85	21.64	21.49	21.42	21.32	21.39	21.69	1974
1975	21.24	21.24	21.43	21.63	21.80	21.62	21.32	21.20	21.21	21.30	21.33	---	---	1975
1976	21.38	21.43	21.75	22.34	22.17	21.88	21.83	21.80	21.48	21.46	21.34	21.12	21.65	1976
1977	21.29	20.90	21.35	21.79	21.43	21.01	20.69	---	21.10	21.47	21.47	21.30	---	1977
1978	21.58	21.79	21.50	21.98	21.88	21.51	21.26	21.14	21.07	21.04	20.87	20.70	21.36	1978
1979	21.14	21.35	---	21.88	22.00	21.50	21.24	21.16	21.31	---	21.53	21.62	---	1979
1980	---	---	---	21.69	21.83	21.32	21.31	21.37	21.47	21.50	21.47	21.27	---	1980
1981	21.33	21.46	21.56	21.75	21.34	21.30	21.18	21.27	21.52	21.56	21.59	21.46	21.44	1981
1982	21.35	21.40	21.20	21.76	---	21.35	---	21.15	21.10	---	21.18	---	---	1982
1983	21.19	---	21.41	21.83	---	21.73	21.26	21.17	21.14	21.11	21.22	---	---	1983
1984	21.28	21.43	21.48	21.93	21.79	21.71	---	21.48	21.39	---	---	---	---	1984
1985	---	---	---	21.85	21.82	---	21.43	21.43	21.35	21.31	21.32	21.26	---	1985
MOYEN	21.21	21.19	21.13	21.56	21.49	21.28	21.18	21.13	21.09	21.07	21.09	21.08	21.14	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

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DONNEES FOURNIES PAR - SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

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REMARQUES - DONNEES PUBLIEES COMME RECUES MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) EN AMONT DE L'ECLUSE A COTE-SAINTE-CATHERINE - STATION NO. 020A043

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1958	18.91 EN SEP	---	---	1958
1959	21.17 LE 26 DEC A 1150 HNE	---	---	1959
1960	22.38 LE 19 MAI A 1620 HNE	22.22 LE 18 MAI	20.35 LE 13 OCT	1960
1961	21.56 LE 28 MAI A 1551 HNE	21.41 LE 3 JUN	20.44 LE 20 MAR	1961
1962	21.70 LE 10 AVR A 1518 HNE	21.48 LE 10 AVR	20.37 LE 28 MAI	1962
1963	21.71 LE 5 AVR A 1138 HNE	21.57 LE 5 AVR	20.24 LE 25 MAR	1963
1964	21.42 LE 15 JAN A 1415 HNE	21.38 LE 15 JAN	20.23 LE 5 AVR	1964
1965	21.15 LE 25 OCT A 2130 HNE	21.04 LE 25 OCT	19.96 LE 28 MAR *	1965
1966	21.60 LE 15 JAN	21.54 LE 14 JAN	20.50 LE 9 OCT	1966
1967	22.11 LE 18 NOV A 1645 HNE	21.75 LE 15 NOV	20.15 LE 26 MAR	1967
1968	22.17 LE 2 AVR	21.84 LE 5 AVR	20.62 LE 25 DEC	1968
1969	22.17 LE 11 AVR	21.99 LE 24 AVR	20.82 LE 24 DEC	1969
1970	21.75 LE 7 MAI A 1330 HNE	21.68 LE 7 MAI	20.51 LE 22 MAR	1970
1971	22.74 LE 23 AVR	22.54 LE 22 AVR	20.58 LE 6 DEC	1971
1972	22.58 LE 7 MAI	22.45 LE 7 MAI	20.73 LE 14 FEV	1972
1973	22.72 LE 18 MAR	22.54 LE 19 MAR	20.88 LE 25 DEC	1973
1974	22.79 LE 23 MAI	22.68 LE 23 MAI	21.17 LE 31 JAN	1974
1975	22.58 LE 22 AVR	---	---	1975
1976	23.07 LE 2 AVR *	22.84 LE 2 AVR *	20.63 LE 6 DEC	1976
1977	22.28 LE 1 AVR A 1535 HNE	---	---	1977
1978	22.55 LE 14 AVR A 2123 HNE	22.41 LE 14 AVR	20.42 LE 19 DEC	1978
1979	22.37 LE 2 MAI	---	---	1979
1980	22.10 LE 16 AVR A 1720 HNE	---	---	1980
1981	22.22 LE 26 FEV A 1255 HNE	22.17 LE 26 FEV	20.92 LE 1 JAN	1981
1982	22.11 LE 29 AVR	22.00 LE 29 AVR	20.94 LE 1 NOV	1982
1983	22.44 LE 12 MAI A 0059 HNE	22.30 LE 12 MAI	20.94 LE 25 JAN	1983
1984	22.48 LE 7 AVR A 1130 HNE	22.27 LE 7 AVR	---	1984
1985	22.22 LE 6 MAI A 1305 HNE	22.08 LE 30 AVR	20.67 LE 25 DEC	1985

PLAN DE REFRENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) EN AMONT DE L'ECLUSE A SAINT-LAMBERT - STATION NO. 020A044

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1960	---	---	---	---	---	10.91	10.82	10.85	10.90	10.99	10.99	---	---	1960
1961	---	---	---	---	11.25	11.26	11.16	11.13	11.13	11.12	11.08	10.59	---	1961
1962	10.47	10.44	10.48	10.84	11.18	11.21	11.23	11.23	11.20	11.18	11.16	---	---	1962
1963	10.20	10.18	9.99	11.04	11.46	11.49	11.49	11.47	11.46	11.46	11.48	10.82	11.05	1963
1964	10.28	10.42	10.48	11.22	11.52	11.50	11.51	11.50	11.51	---	11.51	---	---	1964
1965	11.22	11.24	10.50	11.48	11.47	11.50	11.56	11.55	11.53	11.50	11.46	11.40	11.40	1965
1966	10.51	10.11	10.15	11.50	11.51	11.52	11.52	11.53	11.54	11.55	11.56	---	---	1966
1967	---	---	---	---	11.53	11.57	11.59	11.61	11.64	11.65	11.54	---	---	1967
1968	---	---	---	11.42	11.48	11.41	11.40	11.53	11.53	11.51	11.49	11.26	---	1968
1969	---	---	---	11.44	11.52	11.51	11.47	11.44	11.44	11.44	11.33	10.59	---	1969
1970	10.34	10.40	10.90	11.25	11.38	11.40	11.42	11.41	11.44	11.45	11.56	---	---	1970
1971	---	---	11.00	11.52	11.51	11.56	11.53	11.54	11.56	11.57	11.59	---	---	1971
1972	---	---	---	11.32	11.53	11.51	11.59	11.58	11.56	11.62	11.56	11.57	---	1972
1973	10.51	10.18	11.38	11.72	11.72	11.72	11.71	11.70	11.72	11.71	11.74	---	---	1973
1974	---	---	10.94	11.67	11.68	11.68	11.68	11.68	11.66	11.66	11.68	11.45	---	1974
1975	10.51	9.42	11.40	11.70	11.69	11.64	11.53	11.47	11.48	11.45	11.41	11.32R	11.27R	1975
1976	10.59	8.42	10.43	11.43	11.43	11.44	11.45	11.44	11.45	11.50	11.44	11.18	11.03	1976
1977	10.37	10.40	11.04	11.44	11.47	11.46	11.48	11.49	11.45	11.44	---	11.30	---	1977
1978	10.63	10.05	10.05	11.45	11.43	11.42	11.42	11.41	11.39	11.45	11.48	---	---	1978
1979	---	---	11.05	11.45	11.44	11.43	---	11.42	11.42	11.48	11.45	11.27	---	1979
1980	---	10.22	10.77	11.48	11.43	11.41	11.41	---	11.45	11.44	11.14	10.78	---	1980
1981	---	9.19	---	11.45	11.42	11.41	11.40	11.42	11.42	11.47	11.42	11.15	---	1981
1982	9.31	8.80	---	11.43	---	11.42	11.41	11.41	11.44	11.43	11.44	11.45	---	1982
1983	9.49	9.51	10.81	---	11.43	11.38	11.42	11.41	11.39	11.40	11.44	10.67	---	1983
1984	9.46	9.44	10.45	11.46	11.41	11.43	11.43	11.42	---	---	11.44	11.46	---	1984
1985	---	---	---	---	11.45	11.45	11.26	11.44	---	11.45	11.48	11.47	---	1985
MOYEN	10.29	9.80	10.72	11.41	11.47	11.45	11.44	11.45	11.45	11.45	11.45	11.19R	11.19R	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 29 16
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DONNEES FOURNIES PAR - SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

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REMARQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) EN AMONT DE L'ECLUSE A SAINT-LAMBERT - STATION NO 02OA044

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1960	11.21 LE 3 JUN	---	---	1960
1961	11.51 LE 14 AVR A 1851 HNE	---	---	1961
1962	11.35 LE 13 JUN A 1710 HNE	---	---	1962
1963	11.69 LE 17 AVR A 2030 HNE	11.55 LE 21 NOV	9.75 LE 25 MAR	1963
1964	11.78 LE 27 MAI	---	---	1964
1965	11.77 LE 12 MAI			1965
1966	11.75 LE 16 OCT	11.63 LE 5 JUL	10.57 LE 29 MAR	1966
1967	11.83 LE 26 AOU A 1336 HNE	---	---	1967
1968	11.81 LE 12 AVR	---	---	1968
1969	11.77 LE 8 AVR A 1910 HNE	---	---	1969
1970	11.75 LE 15 DEC A 2002 HNE	---	---	1970
1971	12.05 LE 13 AVR A 1801 HNE	---	---	1971
1972	12.05 LE 27 NOV	---	---	1972
1973	12.16 LE 18 MAR *	---	---	1973
1974	12.02 LE 5 AVR	---	---	1974
1975	12.00 LE 19 AVR A 1517 HNE	---	---	1975
1976	11.81 LE 21 OCT A 1418 HNE	11.83 LE 19 AVR *	8.80 LE 15 FEV	1976
1977	11.81 LE 31 MAR A 1335 HNE	11.84 LE 21 OCT	8.10 LE 12 FEV *	1977
1978	11.89 LE 13 AVR A 1841 HNE	---	---	1978
1979	11.75 LE 27 NOV A 1045 HNE	---	---	1979
1980	11.71 LE 13 AVR	---	---	1980
1981	11.79 LE 28 OCT A 0946 HNE	---	---	1981
1982	11.76 LE 27 DEC A 2335 HNE	11.71 LE 28 OCT	---	1982
1983	11.70 LE 21 NOV A 1505 HNE	11.70 LE 27 DEC	8.59 LE 10 FEV	1983
1984	11.74 LE 6 AVR A 2337 HNE	11.64 LE 21 NOV	9.40 LE 12 JAN	1984
1985	11.82 LE 4 AVR A 1711 HNE	11.58 LE 7 AVR	9.35 LE 4 FEV	1985
		11.61 LE 13 NOV	---	

PLAN DE REFRENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-LAURENT (FLEUVE) EN AVAL DE L'ECLUSE A BEAUHARNOIS - STATION NO 02MC020

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1959	---	---	---	---	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	---	---	21.53	21.55	21.29	20.81	20.68	20.62	---	---	1960
1961	---	---	---	---	21.31	21.46	21.35	21.16	21.09	20.93	20.71	20.83	---	1961
1962	21.17	21.09	20.90	21.07	20.81	20.71	20.68	20.73	20.69	20.65	20.66	20.77	20.83	1962
1963	21.08	20.99	20.73	21.03	20.62	20.59	20.61	20.66	20.65	20.61	20.61	21.00	20.76	1963
1964	21.12	20.91	20.73	20.64	20.52	20.64	20.52	20.55	20.53	20.51	20.46	20.90	20.63	1964
1965	20.86	20.80	20.44	20.55	20.57	20.41	20.49	20.63	20.70	20.87	20.93	21.02	20.70	1965
1966	21.35	21.27	21.40	21.31	20.96	20.86	20.78	20.82	20.79	20.73	20.80	21.20	21.02	1966
1967	21.25	21.43	20.85	21.42	21.30	21.11	21.02	20.94	20.95	21.25	21.77	21.59	21.25	1967
1968	21.54	21.57	21.40	21.56	21.16	21.01	21.21	21.24	21.31	21.18	21.15	21.24	21.31	1968
1969	21.62	21.53	21.43	21.87	21.83	21.68	21.61	21.61	21.38	21.14	21.22	21.19	21.51	1969
1970	21.39	21.37	21.16	21.44	21.53	21.30	21.34	21.38	21.23	21.29	21.33	21.43	21.25	1970
1971	21.53	21.44	21.47	22.02	21.97	21.38	21.17	21.16	21.20	21.12	20.96	20.86	21.36	1971
1972	21.19	21.37	21.37	21.92	22.21	21.84	21.93	21.86	21.75	21.70	21.78	21.59	21.71	1972
1973	21.80	21.79	22.18	22.29	22.26	22.16	22.06	21.81	21.73	21.68	21.54	21.43	21.87	1973
1974	21.66	21.68	21.91	22.25	---	22.24	22.00	21.82	21.67	21.58	21.46	21.54	---	1974
1975	21.38	21.39	21.65	21.86	21.92	21.74	21.46	21.37	---	21.45	21.47	21.48R	---	1975
1976	21.57	21.65	22.06	22.47	22.29	---	21.86	21.77	21.62	21.60	---	21.39	---	1976
1977	---	21.22	21.64	21.80	21.55	21.15	21.04	21.16	21.36	---	---	21.54	---	1977
1978	---	22.05	21.81	---	---	21.83	21.41	21.34	21.25	21.20	21.01	---	---	1978
1979	21.43	---	---	---	22.16	21.65	21.38	21.38	21.49	21.62	21.66	21.78	---	1979
1980	21.52	21.42	21.38	21.81	21.75	21.44	---	---	21.63	21.82	21.59	21.41	---	1980
1981	---	---	21.65	21.80	21.40	21.38	21.29	21.38	21.71	21.74	21.72	21.58	---	1981
1982	---	---	---	21.80	21.65	21.47	21.44	21.31	21.26	21.20	---	---	---	1982
1983	---	21.45	21.57	21.76	22.13	21.87	21.41	21.35	---	21.29	21.37	21.56	---	1983
1984	---	21.63	21.89	22.07	21.90	21.83	21.70	21.65	---	---	---	---	---	1984
1985	---	21.60	---	---	---	---	---	---	---	---	---	---	---	1985
MOYEN	21.37	21.41	21.40	21.67	21.54	21.38	21.31	21.28	21.22	21.20	21.18	21.29R	21.19	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

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DONNEES FOURNIES PAR - SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

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REMARQUES - DONNEES PUBLIEES COMME RECUES MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) EN AVAL DE L'ECLUSE A BEAUHARNOIS - STATION NO. 02MC020

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1959	21.09 LE 9 DEC A 2045 HNE	---	---	1959
1960	21.89 LE 3 JUN A 1000 HNE	---	---	1960
1961	21.62 LE 2 MAI A 2059 HNE	---	---	1961
1962	21.67 LE 10 AVR	21.59 LE 10 AVR	20.49 LE 28 MAI	1962
1963	21.84 LE 5 AVR A 1024 HNE	21.77 LE 5 AVR	20.43 LE 28 MAI	1963
1964	21.55 LE 15 JAN A 1940 HNE	21.51 LE 15 JAN	20.31 LE 5 AVR	1964
1965	21.28 LE 14 DEC A 2310 HNE	21.17 LE 15 DEC	20.13 LE 4 AVR *	1965
1966	21.84 LE 15 JAN	21.80 LE 14 JAN	20.66 LE 9 OCT	1966
1967	22.03 LE 15 NOV A 1652 HNE	21.92 LE 15 NOV	20.54 LE 26 MAR	1967
1968	22.12 LE 3 AVR A 2156 HNE	21.98 LE 2 AVR	20.82 LE 25 DEC	1968
1969	22.29 LE 24 AVR A 1838 HNE	22.12 LE 24 AVR	20.95 LE 24 DEC	1969
1970	21.92 LE 5 MAI A 2345 HNE	21.78 LE 31 DEC	20.76 LE 22 MAR	1970
1971	22.81 LE 23 AVR	22.66 LE 22 AVR	20.76 LE 6 DEC	1971
1972	22.61 LE 6 MAI A 2135 HNE	22.57 LE 7 MAI	20.94 LE 12 JAN	1972
1973	22.82 LE 19 MAR	22.76 LE 19 MAR *	21.11 LE 27 DEC	1973
1974	22.93 LE 23 MAI A 1833 HNE	---	---	1974
1975	22.81R LE 21 AVR A 1930 HNE	---	---	1975
1976	23.06 LE 2 AVR *	---	---	1976
1977	22.48 LE 16 MAR A 1655 HNE	---	---	1977
1978	22.68 LE 15 AVR A 1630 HNE	---	---	1978
1979	22.51 LE 2 MAI	---	---	1979
1980	22.25 LE 17 AVR	---	---	1980
1981	22.26 LE 26 FEV A 0520 HNE	22.30 LE 25 FEV	21.07 LE 1 JAN	1981
1982	22.22 LE 27 AVR A 1928 HNE	22.08 LE 28 AVR	21.02 LE 12 JAN	1982
1983	22.57 LE 12 MAI A 0550 HNE	22.44 LE 12 MAI	21.13 LE 25 JAN	1983
1984	22.51 LE 7 AVR A 1458 HNE	22.39 LE 7 AVR	---	1984
1985	22.35 LE 1 MAI A 2132 HNE	22.21 LE 1 MAI	20.84 LE 25 DEC	1985

PLAN DE REFRENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

SAINT-LAURENT (FLEUVE) EN AVAL DE L'ECLUSE A SAINT-LAMBERT - STATION NO. 020A045

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1959	---	---	---	---	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	---	---	6.59	6.53	6.14	5.84	5.24	5.31	---	---	1960
1961	---	---	---	---	6.42	6.31	6.18	5.92	5.86	5.69	5.38	5.85	---	1961
1962	7.82	---	6.70	6.58	6.08	5.43	5.30	5.34	5.30	5.33	5.44	5.82	---	1962
1963	8.26	8.27	6.66	6.70	5.85	5.28	5.23	5.27	5.35	5.27	5.55	6.02	6.20	1963
1964	7.89	6.51	6.18	5.80	5.48	5.30	5.20	5.12	5.08	5.09	4.99	5.33	5.88	1964
1965	6.94	7.48	5.79	5.44	5.51	5.04	5.01	5.27	5.48	6.13	6.03	6.13	5.85	1965
1966	7.88	7.83	7.05	6.80	6.11	5.83	5.53	5.66	5.58	5.47	5.88	6.42	6.28	1966
1967	8.40	8.38	6.97	6.88	6.69	6.22	5.99	5.71	5.66	5.22	5.97	6.75	6.57	1967
1968	8.38	7.38	7.11	7.17	6.14	5.82	6.03	5.86	6.05	5.90	5.98	6.24	6.51	1968
1969	7.10	6.84	6.62	7.36	7.36	6.73	6.53	6.48	6.17	5.58	5.27	6.32	6.62	1969
1970	6.57	6.44	6.25	6.88	7.00	6.33	6.27	6.22	5.99	6.13	6.08	6.63	6.40	1970
1971	7.18	7.62	6.98	7.51	7.55	6.27	5.85	5.88	5.97	5.84	5.68	6.84	6.51	1971
1972	6.17	6.51	6.88	7.37	7.98	7.05	7.11	6.93	6.67	6.70	6.85	6.94	6.94	1972
1973	7.46	7.56	8.02	7.89	7.81	7.35	7.08	6.74	6.59	6.59	6.45	6.59	7.18	1973
1974	6.87	6.72	7.33	7.88	8.58	7.76	7.05	6.87	6.41	6.34	6.46	6.81	7.04	1974
1975	6.46	6.85	6.91	7.37	7.23	6.74	6.17	6.01	6.05	6.23	6.36	6.57R	6.58R	1975
1976	---	7.72	7.87	8.45	---	7.04	6.98	6.70	6.45	6.51	6.32	6.21	---	1976
1977	6.54	6.14	6.81	7.36	6.63	5.85	5.67	5.80	6.10	6.72	6.53	6.70	6.42	1977
1978	7.16	7.43	6.82	7.65	7.33	6.52	6.16	6.02	5.91	5.92	---	6.62	---	1978
1979	6.26	6.46	6.99	7.50	7.61	6.84	6.17	6.14	6.38	6.57	6.66	7.16	6.71	1979
1980	6.41	6.25	6.33	7.04	6.76	6.16	6.20	6.38	6.46	6.80	6.54	6.43	6.46	1980
1981	---	7.35	6.82	7.17	6.65	6.46	6.12	6.28	6.65	6.60	6.73	6.38	---	1981
1982	6.23	6.41	---	7.12	6.73	6.19	6.10	5.83	5.90	5.82	6.02	6.41	---	1982
1983	6.18	6.37	6.61	7.01	7.81	7.01	6.13	6.02	5.95	5.94	6.33	---	---	1983
1984	6.17	6.51	---	---	---	---	---	6.46	6.28	5.93	6.01	6.15	---	1984
1985	---	---	6.91	7.22	7.19	6.38	6.31	6.42	6.22	6.19	6.24	6.19	---	1985
MOYEN	6.99	7.04	6.86	7.13	6.88	6.33	6.12	6.06	6.00	6.03	6.12	6.30R	6.48R	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1985)

LOCATION - LAT 45 30 14
LONG 73 31 18 REGULARISE

DONNEES FOURNIES PAR - SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

R - REVISEE DEPUIS JAN 1980

REMARQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LAURENT (FLEUVE) EN AVAL DE L'ECLUSE A SAINT-LAMBERT - STATION NO. 02OA045

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1959	8.24 LE 31 DEC A 1048 HNE	---	--	1959
1960	8.18 LE 20 MAI A 1646 HNE	---	---	1960
1961	7.10 LE 18 AVR A 1503 HNE	---	---	1961
1962	8.33 LE 31 JAN A 1105 HNE	---	---	1962
1963	10.19 LE 5 JAN A 1713 HNE	10.02 LE 22 JAN	5.05 LE 14 OCT	1963
1964	9.47 LE 14 JAN A 2353 HNE	9.26 LE 15 JAN	4.76 LE 16 NOV *	1964
1965	8.46 LE 25 JAN	8.98 LE 25 JAN	4.80 LE 28 JUN	1965
1966	8.40 LE 17 JAN A 1001 HNE	9.33 LE 17 JAN	5.32 LE 9 OCT	1966
1967	8.92 LE 22 FEV A 1910 HNE	8.67 LE 22 FEV	5.43 LE 21 SEP	1967
1968	10.26 LE 20 JAN *	10.13 LE 20 JAN *	5.67 LE 6 JUN	1968
1969	8.03 LE 17 JAN A 1330 HNE	7.86 LE 17 JAN	5.89 LE 20 OCT	1969
1970	7.81 LE 6 MAI	7.65 LE 6 MAI	5.86 LE 11 SEP	1970
1971	8.94 LE 6 FEV	8.86 LE 6 FEV	5.48 LE 11 DEC	1971
1972	8.53 LE 10 MAI	8.52 LE 10 MAI	5.86 LE 16 JAN	1972
1973	9.09 LE 19 MAR A 1716 HNE	9.02 LE 19 MAR	6.27 LE 21 NOV	1973
1974	8.95 LE 23 MAI	8.87 LE 23 MAI	6.17 LE 29 OCT	1974
1975	8.41R LE 21 AVR A 2045 HNE	8.28 LE 22 AVR	5.90 LE 17 ADU	1975
1976	9.66 LE 2 AVR A 1902 HNE	---	---	1976
1977	8.43 LE 18 MAR A 1505 HNE	8.15 LE 18 MAR	5.58 LE 12 JUL	1977
1978	8.80 LE 8 FEV A 1320 HNE	---	---	1978
1979	8.23 LE 2 MAI A 1812 HNE	8.14 LE 2 MAI	5.85 LE 11 JAN	1979
1980	7.79 LE 17 AVR	7.84 LE 17 AVR	5.89 LE 12 MAR	1980
1981	8.87 LE 26 FEV A 0255 HNE	8.84 LE 26 FEV	5.89 LE 25 JUL	1981
1982	7.84 LE 29 AVR	7.69 LE 29 AVR	5.61 LE 25 OCT	1982
1983	8.52 LE 12 MAI A 1105 HNE	8.41 LE 12 MAI	5.77 LE 3 OCT	1983
1984	---	---	5.85 LE 4 NOV	1984
1985	7.89 LE 3 MAI	7.79 LE 3 MAI	5.87 LE 26 DEC	1985

PLAN DE REFRENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

SAINT-LOUIS (LAC) A POINTE-CLAIRE - STATION NO. 02OA039

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1915	---	---	---	---	---	20.74	20.61	20.80	20.58	20.57	20.48	---	---	1915
1916	20.86	20.84	20.74	21.71	22.06	21.76	21.29	21.00	20.81	---	20.73	20.80	---	1916
1917	21.13	20.83	20.80	21.43	21.51	21.56	21.38	21.18	---	20.88	---	---	---	1917
1918	21.13	20.84	21.02	21.58	21.51	21.27	21.12	20.84	20.81	21.00	21.21	21.03	21.12	1918
1919	21.26	---	21.12	21.64	22.12	21.80	21.23	21.02	20.84	20.84	21.04	21.14	---	1919
1920	21.11	20.74	20.86	21.27	21.17	20.83	---	20.87	20.80	20.54	20.66	20.81	---	1920
1921	20.91	20.80	21.21	21.47	21.42	20.98	20.80	20.68	20.53	20.49	20.47	20.71	20.87	1921
1922	21.08	20.69	20.83	21.62	21.63	21.17	21.03	20.82	20.67	20.55	20.47	---	---	1922
1923	20.69	20.60	20.38	21.02	21.62	21.18	20.78	20.58	20.51	20.36	20.35	20.62	20.72	1923
1924	20.85	20.84R	20.70	21.33	21.70	21.27	---	20.75	20.65	20.70	20.55	20.81	---	1924
1925	20.85	20.63	21.05	21.32	21.20	21.03	20.77	20.57	20.40	20.38	20.54	20.79	20.78	1925
1926	20.85	20.58	20.44	21.03	21.40	21.15	20.84	20.58	20.48	20.52	20.90	21.11	20.82	1926
1927	21.10	20.83	21.05	21.06	21.10	21.14	21.00	20.85	20.60	20.55	20.91	21.12	20.95	1927
1928	21.24	21.20	21.06	21.83	22.09	21.54	21.22	21.05	20.83	21.14	21.21	21.00	21.29	1928
1929	21.29	21.25	21.36	21.81	22.25	21.65	21.41	21.17	21.01	20.91	20.95	21.08	21.35	1929
1930	21.39	21.37	21.31	21.55	21.57	21.52	21.49	21.10	20.90	20.78	20.84	20.59	21.18	1930
1931	20.80	20.70	20.52	20.78	20.81	20.72	20.55	20.43	20.34	20.28	20.29	20.36	20.55	1931
1932	20.58	20.95	20.72	21.41	21.14	20.85	20.77	20.69	20.71	20.79	20.95	20.72	20.85	1932
1933	20.85	20.80	20.48	21.46	21.36	20.85	20.56	20.44	20.30	20.20	20.11	20.40	20.62	1933
1934	20.31	20.40	20.48	21.35	21.24	20.69	20.40	20.11	20.04	20.03	19.99	20.36	20.45	1934
1935	20.59	20.47	20.57	20.71	20.65	20.50	20.51	20.33	20.18	20.12	20.10	20.24	20.41	1935
1936	20.45	20.25	20.75	21.16	21.58	21.03	20.53	20.30	20.26	20.36	20.51	20.42	20.63	1936
1937	20.90	20.90	20.78	21.17	21.40	20.95	20.76	20.70	20.56	20.50	20.78	20.84	20.85	1937
1938	20.91	20.93	21.05	21.58	21.37	20.92	20.65	20.63	20.56	20.53	20.47	20.47	20.84	1938
1939	20.79	20.65	20.58	21.28	21.55	21.10	20.87	20.76	20.52	20.46	20.42	20.45	20.79	1939
1940	20.72	20.55	20.38	21.04	21.10	21.20	20.92	20.63	20.55	20.43	20.46	20.63	20.72	1940
1941	21.01	20.78	20.53	21.21	20.93	20.60	20.51	20.41	20.35	20.42	20.60	20.51	20.65	1941
1942	20.82	20.74	20.79	21.26	21.11	21.00	20.72	20.63	20.55	20.50	20.57	20.76	20.79	1942
1943	21.15	21.10	21.14	21.49	22.14	21.75	21.37	21.18	21.07	20.92	21.00	21.08	21.28	1943
1944	21.21	21.00	20.86	21.04	21.27	21.00	20.93	20.82	20.74	20.66	20.55	20.69	20.90	1944
1945	20.80	20.83	21.18	21.45	21.53	21.43	21.13	20.99	20.94	21.15	21.12	21.21	21.15	1945
1946	21.34	21.21	21.34	21.31	21.18	21.16	20.90	20.81	20.71	20.73	20.84	20.91	21.04	1946
1947	21.28	21.27	21.00	21.82	22.28	22.38	21.67	21.31	21.14	20.98	20.89	21.02	21.42	1947
1948	21.08	20.87	21.18	21.51	21.45	2.27	21.10	21.00	20.82	20.71	20.71	20.88	21.03	1948
1949	20.98	21.13	21.12	21.80	21.32	20.98	20.85	20.60	20.54	20.47	20.40	20.53	20.87	1949
1950	20.84	20.97	20.98	21.52	21.34	21.18	21.02	20.89	20.80	20.72	20.82	21.00	21.02	1950
1951	21.36	21.10	21.42	22.37	21.76	21.34	21.25	21.13	21.05	21.01	21.26	21.34	21.38	1951
1952	21.53	21.38	21.40	21.96	21.85	21.65	21.38	21.27	21.11	21.04	20.89	21.06	21.38	1952
1953	21.26	21.31	21.42	21.74	21.47	21.20	21.10	20.98	20.89	20.75	20.65	20.72	21.12	1953
1954	21.01	21.00	21.24	21.79	21.53	21.38	21.13	20.92	20.94	21.21	21.23	21.18	21.21	1954
1955	21.43	21.18	21.34	22.11	21.51	21.25	21.06	20.94	20.83	20.84	21.04	21.05	21.21	1955
1956	21.12	20.85	20.86	21.43	21.56	21.40	21.13	21.04	21.10	21.02	20.84	20.83	21.11	1956
1957	21.27	21.05	21.03	21.82	21.83	20.96	21.21	20.82	20.78	20.77	20.84	20.88	20.97	1957
1958	21.10	21.04	20.90	21.33	20.92	20.83	20.81	20.69	20.67	20.72	20.66	20.96	20.88	1958
1959	20.89	20.85	20.88	21.47	21.31	21.11	20.93	20.72	20.61	20.53	20.74	20.90	20.88	1959
1960	21.21	21.06	21.02	21.91	22.01	21.49	21.44	21.16	20.78	20.47	20.53	20.65	21.15	1960
1961	21.13	20.85	20.73	21.01	21.22	21.37	21.24	21.02	20.86	20.80	20.60	20.74	20.97	1961
1962	21.03	20.94	20.72	20.97	20.83	20.62	20.56	---	---	---	---	---	---	1962
1963	---	---	---	---	---	20.51	20.50	20.53	20.53	20.49	20.50	20.66	---	1963
1964	---	20.77	---	20.56	20.43	20.45	20.38	20.42	20.39	20.39	20.34	20.40	---	1964
1965	20.79	20.65	20.27	20.46	20.48	20.31	20.36	20.48	20.58	20.86	20.83	20.92	20.58	1965
1966	21.19	21.10	21.25	21.29	20.88	20.77	20.64	20.68	20.63	20.60	20.48	21.08	20.90	1966
1967	21.10	21.26	20.78	21.32	21.20	21.00	20.89	20.78	20.79	21.11	21.84	21.47	21.11	1967
1968	21.41	21.38	21.21	21.67	21.05	20.90	21.07	21.09	21.15	21.04	21.02	21.09	21.16	1968
1969	---	21.33	21.23	21.73	21.72	21.57	21.47	21.45	21.23	21.00	21.10	21.09	---	1969
1970	21.28	21.16	20.99	21.34	21.44	21.21	21.23	21.23	21.09	21.16	21.23	21.30	21.22	1970
1971	21.36	21.27	21.26	21.87	21.90	21.28	21.06	21.03	21.06	20.99	20.84	20.84	21.23	1971
1972	21.05	21.18	21.18	21.76	22.11	21.75	21.82	21.73	21.62	21.58	21.87	21.46	21.58	1972
1973	21.48	21.87	22.04	22.20	22.17	22.07	21.83	21.87	21.58	21.54	21.43	21.31	21.76	1973
1974	21.49	21.53	21.77	22.15	22.47	22.16	21.88	21.68	21.52	21.44	21.37	21.44	21.74	1974
1975	21.28	21.28	21.54	21.89	21.83	21.65	21.33	21.21	---	21.32	---	21.34R	---	1975
1976	21.42	21.47	21.86	---	22.20	21.91	21.86	---	21.48	21.47	21.37	21.23	---	1976
1977	---	21.04	21.44	21.83	21.48	21.04	20.92	21.00	21.20	21.55	21.50	21.42	---	1977
1978	---	21.88	21.61	22.04	21.91	21.54	21.30	21.18	21.11	21.08	20.82	20.78	---	1978
1979	21.23	21.43	21.80	21.94	22.05	21.55	21.27	21.20	21.33	21.48	21.56	21.66	21.53	1979
1980	21.40	21.31	21.28	21.72	21.65	21.35	21.32	21.38	21.47	21.47	21.48	---	---	1980
1981	21.33	21.48	21.54	21.70	21.30	21.29	21.16	21.30	21.53	21.56	21.50	21.47	21.44	1981
1982	21.38	21.42	21.27	21.71	21.55	21.37	---	---	21.12	21.05	21.21	21.41	---	1982
1983	21.21	21.30	21.44	21.85	22.03	21.76	21.28	21.30	21.18	21.14	21.26	21.43	21.41	1983
1984	21.34	21.48	21.55	21.97	21.82	21.73	21.59	21.51	21.40	---	---	21.24	---	1984
1985	21.50	21.48	21.67	21.88	21.87	21.80	21.45	21.46	21.37	21.33	21.35	21.31	21.51	1985
MOYEN	21.08	21.03R	21.06	21.49	21.50	21.23	21.05	20.91	20.84	20.82	20.85	20.94R	21.04	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 45 25 43
LONG 73 49 18

REGULARISE

DONNEES FOURNIES PAR - SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

R - REVISEE DEPUIS JAN 1980

REMARQUES - DONNEES PUBLIEES COMME RECUES. MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-LOUIS (LAC) A POINTE-CLAIRE - STATION NO. 020A039

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1915	20.95 LE 24 MAI A 1800 HNE	---	---	1915
1916	22.37 LE 21 MAI A 1200 HNE	---	---	1916
1917	21.80 LE 4 AVR A 2400 HNE	---	---	1917
1918	22.02 LE 4 AVR	22.01 LE 4 AVR	20.65 LE 11 MAR	1918
1919	22.40 LE 27 MAI A 1800 HNE	---	---	1919
1920	21.52 LE 28 MAR A 1100 HNE	---	---	1920
1921	21.67 LE 9 MAI A 1800 HNE	21.65 LE 9 MAI	20.35 LE 3 NOV	1921
1922	22.22 LE 21 AVR A 2400 HNE	---	---	1922
1923	21.77 LE 23 MAI A 1900 HNE	21.75 LE 23 MAI	20.17 LE 4 MAR	1923
1924	21.97 LE 19 MAI A 1853 HNE	---	---	1924
1925	21.70 LE 30 MAR A 2030 HNE	21.68 LE 31 MAR	20.30 LE 25 OCT	1925
1926	21.85 LE 26 AVR A 2328 HNE	21.82 LE 27 AVR	20.32 LE 21 MAR	1926
1927	21.61 LE 21 MAR	21.61 LE 20 MAR	20.48 LE 28 SEP	1927
1928	22.41 LE 10 AVR A 1341 HNE	22.40 LE 10 AVR	20.83 LE 9 SEP	1928
1929	22.45 LE 8 MAI A 2207 HNE	22.43 LE 9 MAI	20.83 LE 31 OCT	1929
1930	21.81 LE 9 AVR A 1850 HNE	21.80 LE 9 AVR	20.50 LE 25 DEC	1930
1931	21.06 LE 25 JAN A 1605 HNE	21.06 LE 19 JAN	20.24 LE 15 OCT	1931
1932	21.95 LE 13 AVR A 2239 HNE	21.91 LE 13 AVR	20.31 LE 2 JAN	1932
1933	21.76 LE 19 AVR A 1645 HNE	21.76 LE 19 AVR	20.05 LE 7 NOV	1933
1934	21.89 LE 13 AVR A 2250 HNE	21.83 LE 14 AVR	19.89 LE 11 NOV *	1934
1935	20.98 LE 3 MAI A 2144 HNE	20.95 LE 3 MAI	19.98 LE 3 NOV	1935
1936	21.96 LE 20 MAI A 2206 HNE	21.83 LE 20 MAI	20.08 LE 28 FEV	1936
1937	21.92 LE 8 AVR	21.88 LE 8 AVR	20.38 LE 17 OCT	1937
1938	22.16 LE 26 MAR A 2337 HNE	22.11 LE 26 MAR	20.30 LE 4 DEC	1938
1939	21.89 LE 24 AVR A 2218 HNE	21.82 LE 24 AVR	20.24 LE 26 NOV	1939
1940	21.46 LE 4 JUN A 1808 HNE	21.43 LE 4 JUN	20.18 LE 3 MAR	1940
1941	21.84 LE 29 AVR A 1803 HNE	21.80 LE 29 AVR	20.24 LE 1 SEP	1941
1942	21.98 LE 20 AVR A 2100 HNE	21.83 LE 20 AVR	20.34 LE 18 OCT	1942
1943	22.82 LE 13 MAI A 2327 HNE *	22.77 LE 14 MAI *	20.64 LE 22 JAN	1943
1944	21.59 LE 1 JAN	21.53 LE 1 JAN	20.45 LE 21 NOV	1944
1945	22.07 LE 5 AVR A 2226 HNE	22.00 LE 5 AVR	20.33 LE 18 JAN	1945
1946	21.82 LE 17 MAR	21.73 LE 16 MAR	20.60 LE 10 OCT	1946
1947	22.58 LE 4 JUI A 1813 HNE	22.43 LE 4 JUN	20.74 LE 2 DEC	1947
1948	21.95 LE 22 MAR A 2318 HNE	21.88 LE 23 MAR	20.53 LE 1 FEV	1948
1949	21.86 LE 7 AVR A 2317 HNE	21.81 LE 28 MAR	20.29 LE 1 DEC	1949
1950	21.97 LE 7 AVR	21.92 LE 8 AVR	20.53 LE 3 JAN	1950
1951	22.77 LE 17 AVR A 1824 HNE	22.75 LE 17 AVR	20.80 LE 3 OCT	1951
1952	22.34 LE 7 AVR	22.33 LE 7 AVR	20.78 LE 18 NOV	1952
1953	22.13 LE 31 MAR A 2128 HNE	22.07 LE 31 MAR	20.55 LE 9 NOV	1953
1954	22.30 LE 18 AVR A 1350 HNE	22.23 LE 18 AVR	20.61 LE 1 JAN	1954
1955	22.42 LE 7 AVR A 2400 HNE	22.34 LE 23 AVR	20.72 LE 6 OCT	1955
1956	21.81 LE 17 AVR A 2000 HNE	21.77 LE 1 MAI	20.59 LE 31 DEC	1956
1957	21.57 LE 10 JAN A 1300 HNE	21.55 LE 10 JAN	20.66 LE 5 OCT	1957
1958	21.62 LE 30 MAR A 2030 HNE	21.55 LE 5 AVR	20.80 LE 12 NOV	1958
1959	21.79 LE 11 AVR A 2126 HNE	21.73 LE 10 AVR	20.42 LE 19 OCT	1959
1960	22.30 LE 20 MAI	22.27 LE 18 MAI	20.34 LE 18 OCT	1960
1961	21.52 LE 2 MAI A 2230 HNE	21.45 LE 29 MAI	20.49 LE 19 MAR	1961
1962	21.58 LE 10 AVR	---	---	1962
1963	21.37 LE 27 DEC A 2325 HNE	---	---	1963
1964	21.42 LE 15 JAN A 1807 HNE	---	---	1964
1965	21.15 LE 31 DEC A 2358 HNE	21.05 LE 15 DEC	20.00 LE 28 MAR	1965
1966	21.62 LE 15 JAN	20.59 LE 14 JAN	20.52 LE 9 OCT	1966
1967	21.80 LE 15 NOV A 1813 HNE	21.77 LE 15 NOV	20.40 LE 26 MAR	1967
1968	21.88 LE 31 MAR A 1835 HNE	21.65 LE 2 AVR	20.67 LE 25 DEC	1968
1969	22.06 LE 24 AVR A 2120 HNE	---	---	1969
1970	21.87 LE 7 MAI	21.84 LE 6 MAI	20.83 LE 22 MAR	1970
1971	22.63 LE 22 AVR A 2345 HNE	22.60 LE 22 AVR	20.66 LE 5 DEC	1971
1972	22.51 LE 6 MAI A 1803 HNE	22.47 LE 7 MAI	20.76 LE 14 FEV	1972
1973	22.70 LE 19 MAR	22.66 LE 19 MAR	20.89 LE 27 DEC	1973
1974	22.72 LE 23 MAI A 1920 HNE	22.67 LE 23 MAI	21.23 LE 31 JAN	1974
1975	22.60 LE 21 AVR A 1910 HNE	---	---	1975
1976	22.61 LE 1 AVR A 1653 HNE	---	---	1976
1977	22.29 LE 16 MAI A 1715 HNE	---	---	1977
1978	22.57 LE 13 AVR A 2228 HNE	---	---	1978
1979	22.35 LE 26 MAR A 1825 HNE	22.29 LE 2 MAI	20.85 LE 28 JAN	1979
1980	22.06 LE 17 AVR	---	---	1980
1981	22.20 LE 25 FEV A 0505 HNE	22.18 LE 25 FEV	20.93 LE 1 JAN	1981
1982	22.05 LE 29 AVR	22.01 LE 29 AVR	20.90 LE 12 JAN	1982
1983	22.37 LE 12 MAI A 0825 HNE	22.32 LE 12 MAI	20.97 LE 25 JAN	1983
1984	22.35 LE 7 AVR A 1141 HNE	22.30 LE 7 AVR	---	1984
1985	22.8 LE 6 MAI A 1204 HNE	22.13 LE 6 MAI	20.74 LE 25 DEC	1985

PLAN DE REFRENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-MAURICE (RIVIERE) A LA CENTRALE DU RAPIDE BLANC - STATION NO 02NC002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	1982
1983	274.88	275.26	272.76	269.11	275.70	275.70	275.34	275.55	275.74	275.22	275.73	275.44	---	1983
1984	274.80	275.08	272.87	269.93	275.55	275.88	275.89	275.52	275.35	275.43	275.73	275.49	274.61	1984
1985	217.05	275.26	273.19	268.57	274.80	275.85	275.84	275.86	275.70	275.82	275.73	275.36	274.78	1985
1986	274.85	274.32	272.12	269.27	275.82	275.73	275.71	275.72	275.51	275.64	---	---	269.63	1986
MOYEN	260.35	274.87	272.73	269.22	275.42	275.74	275.65	275.86	275.58	275.51	275.67	275.22	273.07	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 47 47 47 BASSIN VERSANT 22 600 km²
LONG 72 58 08 REGULARISE

DONNEES FOURNIES PAR HYDRO-QUEBEC

SAINT-MAURICE (RIVIERE) A LA CENTRALE DU RAPIDE BLANC - STATION NO. 02NC002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	276.01 LE 14 MAI	267.23 LE 10 AVR	1983
1984	---	275.98 LE 22 AOU	267.00 LE 11 AVR	1984
1985	---	276.00 LE 9 JUL	266.81 LE 23 JAN *	1985
1986	---	276.02 LE 14 SEP *	267.24 LE 10 AVR	1986

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-MAURICE (RIVIERE) AU RESERVOIR GOUIN - STATION NO 02NA003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1963	403.16	402.86	402.54	402.44	403.06	403.50	403.94	404.20	404.21	403.89	403.73	403.98	403.67	1963
1964	403.80	403.40	402.98	402.82	403.77	404.35	404.70	404.72	404.53	404.28	403.79	403.23	403.87	1964
1965	---	402.48	401.81	401.30	402.07	402.69	402.50	402.89	403.26	403.82	404.20	404.27	---	1965
1966	404.03	403.59	403.27	403.40	404.03	404.71	404.83	404.91	404.82	404.85	404.99	405.01	404.38	1966
1967	404.77	404.38	403.90	403.52	404.01	404.67	404.61	404.27	403.75	404.00	404.65	404.71	404.27	1967
1968	404.36	404.04	403.56	403.77	404.51	404.41	404.22	404.21	404.30	404.56	404.51	404.21	404.24	1968
1969	403.75	403.19	402.55	402.14	402.96	403.85	404.04	404.15	404.36	404.32	404.43	404.45	403.69	1969
1970	404.16	403.63	403.18	402.72	403.57	404.35	404.63	404.78	404.63	404.72	404.48	404.25	404.10	1970
1971	403.68	402.87	402.42	402.12	402.92	403.47	403.23	402.83	402.45	402.53	402.47	401.81	402.75	1971
1972	401.30	400.46	399.83	399.70	400.45	401.50	401.91	402.08	402.30	402.62	402.95	402.84	401.51	1972
1973	402.64	402.15	401.80	402.16	403.11	403.62	404.09	404.54	404.83	404.82	404.81	404.74	403.82	1973
1974	404.25	403.59	402.92	402.64	403.77	404.78	404.81	404.62	404.38	404.54	404.80	404.56	404.14	1974
1975	403.89	403.17	402.68	402.49	403.26	404.03	404.05	404.05	404.05	404.26	404.37	404.36	403.73	1975
1976	404.03	403.26	402.68	402.89	403.89	404.27	404.36	404.57	404.57	404.34	404.32	404.07	403.95	1976
1977	403.68	402.88	402.56	402.82	403.89	404.18	404.33	404.30	404.23	404.18	404.13	404.02	403.77	1977
1978	403.71	403.31	402.88	402.58	403.15	403.89	404.00	403.80	403.36	403.26	403.21	402.97	403.36	1978
1979	402.60	402.07	401.51	401.82	403.04	403.74	403.94	403.73	403.81	403.97	404.37	404.57	403.25	1979
1980	404.43	403.86	403.26	403.25	403.87	403.87	403.77	403.89	403.78	404.12	404.48	404.41	403.92	1980
1981	---	---	---	404.17	404.91	404.76	404.73	404.61	403.98	403.56	403.37	403.14	---	1981
1982	402.90	402.27	401.53	400.90	401.71	402.33	402.47	402.08	401.98	402.21	402.45	402.81	402.14	1982
1983	403.08	402.85	402.93	403.11	---	404.83	404.92	---	404.15	---	---	---	---	1983
1984	403.42	403.10	402.92	403.01	403.86	404.73	404.96	404.85	404.86	404.35	404.16	404.14	404.03	1984
1985	403.96	403.62	403.29	403.20	403.90	404.85	404.94	404.89	404.52	404.23	404.11	403.89	404.11	1985
1986	403.58	403.09	402.51	402.67	403.73	404.31	404.41	---	404.50	---	---	---	---	1986
MOYEN	403.60	403.08	402.59	402.57	403.37	403.98	404.10	404.04	403.97	403.97	404.04	403.95	403.61	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 21 15 LONG 74 06 05

BASSIN VERSANT 9 450 km²
REGULARISE

DONNEES FOURNIES PAR -
HYDRO-QUEBEC

SAINT-MAURICE (RIVIERE) AU RESERVOIR GOUIN - STATION NO 02NA003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1963	---	404.90 LE 31 AOU	402.33 LE 15 AVR	1963
1964	---	404.81 LE 26 AOU	402.63 LE 12 AVR	1964
1965	---	---	---	1965
1966	---	405.05 LE 23 NOV	403.22 LE 20 MAR	1966
1967	---	404.99 LE 1 JAN	403.45 LE 28 AVR	1967
1968	---	404.70 LE 30 OCT	403.48 LE 17 MAR	1968
1969	---	404.53 LE 27 NOV	402.02 LE 11 AVR	1969
1970	---	404.81 LE 4 AOU	402.64 LE 22 AVR	1970
1971	---	404.02 LE 1 JAN	401.74 LE 31 DEC	1971
1972	---	403.06 LE 2 DEC	399.80 LE 19 AVR *	1972
1973	---	404.91 LE 11 SEP	401.71 LE 8 MAR	1973
1974	---	404.88 LE 14 JUL	402.38 LE 15 AVR	1974
1975	---	404.42 LE 24 NOV	402.38 LE 18 AVR	1975
1976	---	404.85 LE 24 AOU	402.64 LE 27 MAR	1976
1977	---	404.38 LE 12 JUL	402.52 LE 14 MAR	1977
1978	---	404.08 LE 1 JUL	402.47 LE 15 AVR	1978
1979	---	404.65 LE 20 DEC	401.15 LE 12 MAR	1979
1980	---	404.61 LE 1 JAN	403.05 LE 10 AVR	1980
1981	---	---	---	1981
1982	---	403.13 LE 2 JAN	400.70 LE 25 AVR	1982
1983	---	---	---	1983
1984	---	405.02 LE 15 JUL	402.87 LE 4 AVR	1984
1985	---	405.09 LE 29 JUL *	403.13 LE 20 AVR	1985
1986	---	---	---	1986

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-NICOLAS (BRAS) PRES DE SON EMBOUCHURE - STATION NO 02PH003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	45.85	45.87	46.21	---	1982
1983	46.08	46.08	46.24	47.01	46.55	45.78	45.61	45.63	45.53	45.65	46.05	45.22	46.03	1983
1984	46.05	46.40	46.43	46.83	46.52	46.91	46.10	45.63	45.49	45.52R	45.81R	46.03R	46.08R	1984
1985	45.94	45.83	46.32	46.77	46.12	45.83	45.79	45.45	45.43	---	---	---	---	1985
MOYEN	46.02	46.14	46.33	46.87	46.40	45.87	45.83	45.57	45.46	45.81R	45.91R	46.15R	46.08R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER -34.750 M POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 46 46 43
LONG 70 33 14

BASSIN VERSANT 642 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

SAINT-NICOLAS (BRAS) PRES DE SON EMBOUCHURE - STATION NO 02PH003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	48.60 LE 26 AVR *	45.39 LE 2 JUL	1983
1984	---	47.69 LE 1 MAI	45.40 LE 16 SEP	1984
1985	---	47.47 LE 27 AVR	45.35 LE 23 SEP *	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER -34.750 M POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINT-PIERRE (LAC) AU CURB NO 2 - STATION NO 02DC018

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1978	---	---	---	---	---	---	---	---	---	3.97	---	3.81	---	1978
1979	---	---	---	---	5.65	4.88	4.17	4.13	4.38	---	4.63	4.86	---	1979
1980	---	---	---	---	5.18	4.50	---	---	---	4.93	---	4.83	---	1980
1981	5.05	5.48	---	5.73	5.19	---	4.55	4.70	---	---	---	---	---	1981
1982	4.30	4.46	4.50	---	4.88	4.26	4.08	3.95	3.94	---	4.10	4.54	---	1982
1983	---	4.86	---	---	---	---	4.16	4.08	4.00	3.98	4.54	---	---	1983
1984	---	---	---	---	5.23	---	---	4.45	4.28	3.97	4.10	---	---	1984
1985	---	---	---	---	5.26	---	4.33	4.44	4.22	4.23	---	---	---	1985
MOYEN	4.68	4.87	4.50	5.73	5.25	4.46	4.26	4.29	4.17	4.22	4.34	4.51	---	MOYEN

PLAN DE REFERENCE - INTERNATIONAL DES GRANDS LACS (1955)

LOCATION - LAT 46 11 40
LONG 72 53 46

DONNEES FOURNIES PAR -
SCIENCES ET LEVES OCEANIQUES (MPO) (CANADA)

REMARQUES - DONNEES PUBLIEES COMME RECUES MOYENNES MENSUELLES/ANNUELLES CALCULEES SI TOUTES MOYENNES QUOTIDIENNES DISPONIBLES

SAINT-PIERRE (LAC) AU CURJ NO 2 - STATION NO 02DC018

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1978	4.34 LE 16 OCT A 1147 HNE	---	---	1978
1979	5.42 LE 2 MAI	---	---	1979
1980	5.34 LE 17 AVR	---	---	1980
1981	7.18 LE 26 FEV A 0759 HNE *	7.08 LE 26 FEV *	---	1981
1982	5.24 LE 29 AVR A 1324 HNE	5.05 LE 2 MAI	---	1982
1983	5.88 LE 12 MAI A 0248 HNE	5.82 LE 12 MAI	3.48 LE 26 OCT *	1983
1984	---	---	---	1984
1985	6.04 LE 3 MAI A 1844 HNE	---	3.62 LE 3 NOV	1985

PLAN DE REFRENCE - INTERNATIONAL DES GRANDS LACS (1955)

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINTE-ANNE (RIVIERE) A CHUTE-PANET-2 - STATION NO 02PB020

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1953	---	---	---	11.18	11.05	10.70	10.58	10.44	---	10.45	10.70	10.71	---	1953
1954	10.58	10.64	10.70	11.10	11.24	10.92	10.82	10.78	10.94	10.98	10.88	10.72	10.88	1954
1955	10.65	10.55	10.58	11.08	11.32	10.77	10.69	10.81	10.70	10.83	10.76	10.82	10.75	1955
1956	10.52	10.48	10.47	10.70	11.12	10.94	10.88	10.80	10.80	10.74	10.62	10.81	10.73	1956
1957	10.70	10.73	10.62	10.87	---	10.95	11.02	---	---	10.82	10.85	10.91	---	1957
1958	10.82	10.81	10.84	11.08	---	---	10.90	10.85	10.91	10.89	---	10.88	---	1958
1959	10.85	10.83	10.81	10.89	11.16	10.90	10.78	10.88	10.78	10.99	11.13	---	---	1959
1960	10.82	---	---	11.07	11.25	10.75	10.85	10.71	10.89	10.77	10.85	10.87	---	1960
1961	10.67	10.48	10.48	10.72	11.22	10.87	10.84	10.78	10.88	10.78	10.72	---	---	1961
1962	10.72	10.60	---	---	11.17	10.88	10.95	10.87	10.98	10.79	10.74	10.88	---	1962
1963	10.48	10.33	10.40	10.78	11.25	10.80	10.84	10.83	10.85	10.83	10.89	10.78	10.78	1963
1964	10.56	10.48	10.53	10.90	11.17	10.89	10.95	10.95	10.70	10.88	10.89	10.75	10.77	1964
1965	10.66	10.70	10.65	10.77	11.17	10.79	10.78	10.83	10.93	11.03	10.78	10.87	10.81	1965
1966	10.61	10.55	10.63	10.88	11.26	11.01	10.70	10.84	10.78	10.92	11.11	10.96	10.85	1966
1967	10.77	10.69	10.65	10.83	11.20	11.08	---	---	10.76	---	10.90	10.73	---	1967
1968	10.69	10.61	---	---	---	---	---	---	---	10.77	10.87	10.82	---	1968
1969	10.65	10.61	10.63	10.87	11.39	---	10.74	10.86	10.77	10.73	10.86	10.76	---	1969
1970	10.75	10.76	10.81	10.80	11.26	10.94	10.88	10.78	---	10.95	10.85	10.78	---	1970
1971	132.62	132.59	132.67	132.72	133.31	---	132.79	132.91	---	132.85	132.89	132.86	---	1971
1972	132.62	---	132.67	132.83	---	---	---	---	---	---	---	---	---	1972
MOYEN	23.49	17.77	25.83	24.44	18.85	10.89	18.00	18.42	10.82	17.59	17.59	17.90	10.79	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 51 42 BASSIN VERSANT 1 550 km²
LONG 71 52 18 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SAINTE-ANNE (RIVIERE) A CHUTE-PANET-2 - STATION NO 02PB020

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1953	---	---	---	1953
1954	---	11.89 LE 10 MAI	10.47 LE 2 JAN	1954
1955	---	11.95 LE 5 MAI	10.28 LE 5 AOU	1955
1956	---	11.71 LE 17 MAI	10.13 LE 31 MAR *	1956
1957	---	---	---	1957
1958	---	---	---	1958
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	11.73 LE 20 MAI	10.20 LE 8 MAR	1963
1964	---	11.82 LE 11 JUN	10.39 LE 3 MAR	1964
1965	---	11.82 LE 12 MAI	10.41 LE 2 FEV	1965
1966	---	12.14 LE 4 NOV *	10.32 LE 31 OCT	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINTE-ANNE (RIVIERE) EN AMONT DU BRAS DU NORD ND 1 - STATION NO 02PB003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1949	---	---	---	---	---	---	---	---	134.53	134.46	134.38	134.75	---	1949
1950	135.41	135.14	135.19	135.34	134.88	134.72	134.37	134.27	134.24	134.43	134.71	135.01	134.81	1950
1951	135.07	134.94	134.92	135.33	135.07	134.46	134.48	134.55	134.46	134.44	134.81	135.39	134.84	1951
1952	135.07	134.92	134.65	134.94	135.06	134.57	134.70	134.35	134.34	134.56	134.44	135.80	134.75	1952
1953	136.28	135.92	135.90	134.95	134.77	134.32	134.70	134.06	134.31	134.21	134.30	134.53	134.81	1953
1954	134.57	134.80	134.54	134.89	134.91	134.52	134.36	134.29	134.48	134.52	134.48	134.84	134.58	1954
1955	134.81	134.67	134.53	134.92	134.99	134.35	134.25	134.34	134.38	134.28	134.44	134.80	134.51	1955
1956	134.42	134.31	134.22	134.33	134.76	134.52	134.43	134.33	134.39	134.32	134.36	134.80	134.43	1956
1957	134.63	134.54	134.48	134.80	134.55	134.47	134.56	134.26	134.40	134.37	134.52	135.84	134.58	1957
1958	136.04	135.24	134.67	134.72	134.85	134.63	134.47	134.37	134.45	134.39	134.44	135.00	134.77	1958
1959	134.76	134.57	134.46	134.72	134.71	134.36	134.28	134.29	134.28	134.40	134.84	135.85	134.61	1959
1960	135.17	135.07	134.68	135.10	134.74	134.27	134.38	134.19	134.16	134.25	134.37	134.76	134.59	1960
1961	134.68	134.48	134.94	134.45	134.74	134.46	134.28	134.18	134.32	134.16	134.14	134.34	134.40	1961
1962	134.52	134.42	134.27	134.47	134.85	134.31	134.30	134.24	134.36	134.23	134.51	134.61	134.41	1962
1963	134.58	134.47	134.28	134.35	134.78	134.25	134.28	134.25	134.27	134.28	134.34	135.84	134.50	1963
1964	135.64	134.83	134.75	134.92	134.84	134.36	134.44	134.44	134.16	134.15	134.54	135.94	134.74	1964
1965	135.94	135.55	135.05	134.88	134.74	---	---	134.28	134.38	134.52	---	---	---	1965
1966	134.68	---	134.80	134.42	134.80	---	---	---	---	134.44	134.84	135.82	---	1966
1967	135.45	134.98	134.72	134.80	134.89	---	---	---	---	---	---	---	---	1967
1968	134.77	134.59	134.55	135.08	---	---	---	---	134.31	---	---	---	---	1968
1969	134.44	134.28	134.15	---	---	---	134.15	133.98	134.03	134.15	134.11	134.55	---	1969
1970	134.79	134.77	134.49	134.74	134.75	134.32	134.24	134.28	134.11	134.10	134.49	135.01	---	1970
1971	134.55	134.64	134.64	134.39	134.97	134.12	134.13	134.17	134.21	134.43	134.64	134.87	134.52	1971
1972	134.56	---	134.55	134.32	134.88	134.40	134.31	134.32	134.31	134.22	134.45	134.84	134.44	1972
1973	---	---	134.59	134.55	134.80	134.21	134.37	---	---	---	---	---	---	1973
1974	135.72	134.66	134.46	134.90	134.91	134.56	133.98	---	134.23	134.25	134.22	135.11	---	1974
1975	134.52	134.12	134.27	134.06	133.96	133.28	132.88	---	---	133.23	133.27	134.38	---	1975
1976	---	134.45	134.41	134.73	134.00	133.09	---	---	---	132.97	---	---	---	1976
1977	133.83	133.60	133.83	133.90	133.81	133.00	133.00	133.01	133.02	132.98	133.66	134.28	---	1977
1978	---	---	---	---	---	133.02	132.80	132.76	132.80	133.16	133.02	---	---	1978
1979	133.77	133.41	133.84	---	---	133.10	132.89	133.07	133.43	133.00	133.21	134.06	---	1979
1980	---	---	---	---	---	133.13	133.03	---	---	133.20	133.18	---	---	1980
1981	133.42	134.28	133.66	133.90	133.84	133.36	133.07	132.99	132.86	132.28	133.28	133.75	---	1981
1982	132.96	132.92	132.99	133.41	133.82	133.06	---	---	133.10	133.11	133.03	132.93	1.3.34	1982
1983	---	134.33	133.96	133.86	134.23	133.28	132.88	132.93	132.97	133.04	133.41	134.78	---	1983
1984	133.46	133.25	133.15	133.85	133.74	133.18	133.07	---	132.95	133.04	133.28	133.37	---	1984
1985	133.62	133.22	133.20	133.82	133.92	133.22	133.12	133.88	132.90	---	---	---	---	1985
MOYEN	134.71	134.48	134.39	134.54	134.56	133.98	133.89	133.94	133.87	133.92R	134.10R	134.78R	134.84	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 46 53 22
LONG 71 50 13

BASSIN VERSANT 789 km²
DEBIT NATUREL

DONNEES FOURNIES PAR :
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

SAINTE-ANNE (RIVIERE) EN AMONT DU BRAS DU NORD ND 1 - STATION NO 02PB003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1949	---	---	---	1949
1950	---	---	---	1950
1951	---	136.54 LE 21 AVR	134.12 LE 13 SEP	1951
1952	---	136.58 LE 8 AVR	134.29 LE 23 JUN	1952
1953	---	137.27 LE 13 DEC	134.14 LE 23 JUL	1953
1954	---	137.36 LE 28 MAR *	134.01 LE 23 AOU	1954
1955	---	136.02 LE 10 MAI	134.15 LE 31 AOU	1955
1956	---	136.41 LE 17 AVR	134.08 LE 1 DEC	1956
1957	---	135.61 LE 17 MAI	134.15 LE 9 AOU	1957
1958	---	137.15 LE 21 DEC	134.13 LE 2 SEP	1958
1959	---	136.54 LE 14 JAN	134.20 LE 14 NOV	1959
1960	---	136.10 LE 25 NOV	134.08 LE 8 AOU	1960
1961	---	137.00 LE 19 AVR	134.04 LE 3 SEP	1961
1962	---	135.49 LE 18 MAI	134.06 LE 2 DEC	1962
1963	---	135.79 LE 8 AVR	134.11 LE 8 JUL	1963
1964	---	136.25 LE 25 DEC	134.00 LE 18 JUN	1964
1965	---	137.03 LE 27 DEC	134.08 LE 1 FEV	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	135.44 LE 28 AVR	134.00 LE 19 AOU	1971
1972	---	135.98 LE 21 MAI	133.97 LE 28 JUN	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	136.20 LE 23 FEV	132.73 LE 8 SEP *	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	134.92 LE 27 AVR	132.77 LE 23 SEP	1985

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINTE-ANNE (RIVIERE) PRES DE SAINT-RAYMOND-1 - STATION NO. 02PB008

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1953	---	---	---	133.59	133.31	132.74	132.80	---	132.72	132.48	132.78	132.81	---	1953
1954	132.75	132.85	132.94	133.53	133.71	133.16	132.97	---	---	133.21	133.09	133.02	---	1954
1955	132.97	132.83	132.85	133.60	133.83	132.90	132.80	132.76	---	132.71	132.92	---	---	1955
1956	132.89	132.63	132.85	132.68	133.46	133.05	133.17	133.01	132.89	132.86	132.78	132.91	132.83	1956
1957	132.91	132.84	132.83	133.30	133.21	133.10	133.36	132.82	133.01	132.94	133.06	133.61	133.08	1957
1958	134.07	133.58	133.48	133.46	133.30	133.42	133.22	132.96	133.09	132.96	132.97	133.14	133.30	1958
1959	133.05	---	132.85	133.34	---	---	---	---	---	---	133.45	---	---	1959
1960	---	---	---	---	---	---	---	---	132.78	132.89	133.07	132.83	---	1960
1961	---	132.80	132.83	133.09	133.74	133.48	133.15	133.01	133.06	132.82	132.81	132.84	---	1961
1962	---	---	---	---	133.67	133.25	133.37	133.00	133.34	133.16	---	---	---	1962
1963	---	---	---	---	134.01	133.19	133.03	133.03	132.98	132.98	133.15	---	---	1963
1965	---	---	133.47	133.36	133.48	132.80	132.95	132.72	133.11	193.23	132.98	133.02	---	1965
1966	132.84	132.81	132.97	133.16	133.63	133.27	132.79	132.97	---	133.04	133.40	133.73	---	1966
1967	133.84	---	---	---	---	---	---	---	132.87	133.25	133.22	---	---	1967
1968	133.11	133.00	133.00	133.76	133.04	132.83	132.83	132.77	132.68	132.80	132.68	132.88	132.83	1968
1969	132.70	132.67	132.68	133.06	133.92	133.08	---	133.02	---	---	---	---	---	1969
1970	---	---	---	---	---	133.19	133.07	132.88	132.91	---	---	133.04	---	1970
1971	132.84	132.87	132.84	--	133.74	132.72	132.90	133.07	133.08	133.0.	132.89	133.03	---	1971
MOYEN	133.07	132.89	132.96	133.34	133.58	133.09	133.02	132.95	132.97	132.96	133.02	133.06	133.06	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 46 53 12 LONG 71 51 23
BASSIN VERSANT 1 540 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SAINTE-ANNE (RIVIERE) PRES DE SAINT-RAYMOND-1 - STATION NO. 02PB008

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1953	---	---	---	1953
1954	---	---	---	1954
1955	---	---	---	1955
1956	---	134.89 LE 17 MAI	132.80 LE 2 FEV *	1956
1957	---	135.45 LE 22 DEC	132.57 LE 23 AOU	1957
1958	---	135.30 LE 2 JUN	132.70 LE 16 AOU	1958
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1965	---	---	---	1965
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	136.04 LE 26 AVR *	132.66 LE 5 SEP	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAINTE-PIERRE (LAC) A LOUISEVILLE - STATION NO. 02OC003

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1961	---	---	---	---	---	---	---	---	---	3.87	3.65	3.95	---	1961
1962	4.22	4.45	---	5.00	4.49	3.81	3.70	3.86	3.63	3.69	3.87	3.70	---	1962
1963	4.29	4.29	4.21	4.87	4.14	3.60	3.50	3.53	3.59	3.63	4.08	4.06	4.01	1963
1964	4.53	4.44	4.46	4.39	4.15	---	---	---	3.21	3.24	3.22	3.59	---	1964
1965	3.75	4.04	3.70	3.93	4.13	3.64	3.51	3.74	3.82	4.67	4.65	4.66	4.00	1965
1966	4.87	4.69	5.00	4.85	4.49	4.06	3.68	3.80	3.69	3.68	3.85	4.80	4.29	1966
1967	4.57	4.82	4.81	---	---	4.61	4.24	3.86	3.78	4.40	5.00	4.80	---	1967
1968	---	---	---	---	4.36	3.88	4.04	3.89	4.01	3.82	4.10	4.33	---	1968
1969	4.73	4.89	4.66	---	---	4.87	4.49	4.41	4.27	4.04	4.47	4.39	---	1969
1970	4.62	4.45	4.29	---	---	4.48	4.32	4.15	3.84	4.12	4.21	4.47	---	1970
1971	4.45	4.66	4.63	---	5.77	4.28	3.82	3.85	3.89	3.86	3.75	---	---	1971
1972	---	---	---	---	---	---	---	4.84	4.52	4.59	4.89	4.86	---	1972
1973	5.07	5.19	---	---	---	---	4.82	4.62	4.44	4.46	4.32	4.62	---	1973
1974	4.87	4.63	5.20	7.84	---	---	---	---	---	---	4.47	4.62	---	1974
1975	4.47	4.51	4.88	5.47	---	---	---	---	---	---	---	---	---	1975
1981	---	---	---	---	---	---	---	---	---	---	---	---	---	1981
1984	---	---	---	---	5.23R	---	---	4.45R	4.28R	3.87R	4.10R	---	---	1984
MOYEN	4.62	4.80	4.84	4.85	4.80R	4.14	4.02	4.08R	3.84R	4.00R	4.18R	4.35	4.10	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 13 17 LONG 72 55 31
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

SAINTE-PIERRE (LAC) A LOUISEVILLE - STATION NO 020C003

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1961	---	---	---	1961
1962	---	---	---	1962
1963	---	---	---	1963
1964	---	5.93 LE 6 AVR	3.30 LE 31 JUL	1964
1965	---	---	---	1965
1966	---	5.05 LE 25 OCT	2.31 LE 29 MAR *	1966
1967	---	5.59 LE 26 MAR	3.45 LE 26 SEP	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971
1972	---	---	---	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1981	7.18 LE 26 FEV A 0759 HNE *	6.45 LE 26 AVR *	4.07 LE 23 JAN	1981
1984	---	---	---	1984

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SAKAMI (RIVIERE) A LA SORTIE DU LAC SAKAMI - STATION NO 03DE005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	1982
1983	---	---	29.77R	29.71R	30.35R	30.91R	30.95R	30.88R	31.05R	29.83R	30.21R	---	---	1983
1984	---	---	---	29.49R	---	30.50R	30.58R	30.32R	29.74R	30.37R	30.50R	---	---	1984
MOYEN	---	---	29.77R	29.58R	30.35R	30.71R	30.77R	30.49R	30.40R	30.40R	30.46R	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 154.920 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 53 26 05
LONG 76 40 47

BASSIN VERSANT, 9 890 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

SAVANE (LAC DE LA) - STATION NO 02LC064

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	---	---	---	---	---	28.73	---	---	---	---	1977
1978	---	---	---	---	---	28.82	---	28.75	28.88	28.23	28.07	---	---	1978
1980	---	---	---	---	---	---	---	---	---	---	---	---	---	1980
1981	---	---	---	---	---	27.85	27.78	28.16	28.43	28.47	28.41	---	---	1981
1982	---	28.34	28.34	28.46	28.48	28.38	28.35	28.33	28.37	28.38	28.42	---	---	1982
1983	28.43	28.38	28.37	28.44	28.55	28.40	28.35	28.31	---	28.35	28.39	28.44	---	1983
1984	28.35	28.38	28.37	28.51	28.47	28.40	28.47	28.38	28.35	28.35	28.39	28.38	---	1984
1985	---	---	---	28.47	28.50	28.39	28.38	---	---	28.34R	28.37R	---	---	1985
MOYEN	28.39	28.37	28.36	28.47	28.50	28.34	28.27	28.39	28.55	---	---	---	---	MOYEN
										28.35R	28.34R	28.41	---	

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 28 38
LONG 74 28 23

BASSIN VERSANT, 40.7 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

SCRYER (LAC) - STATION NO 02LD011

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	---	---	---	---	---	---	---	---	---	---	1977
1978	---	---	25.67	26.11	---	---	---	---	25.53	25.62	25.57	25.67	---	1978
1979	---	---	25.82	26.23	25.81	---	---	25.69	25.72	25.77	---	25.60	---	1979
MOYEN	---	---	25.75	26.17	25.81	---	---	25.69	25.63	25.65	25.57	---	---	MOYEN
												25.74	---	

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 50 30
LONG 75 12 47

BASSIN VERSANT, 73.0 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SEIZE ILES (LAC DES) - STATION NO 02LC035

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1967	---	---	---	---	---	3.27	3.26	3.25	3.24	3.22	3.25	3.14	---	1967
1968	3.10	3.10	3.13	3.32	3.27	3.28	3.27	3.22	3.22	3.25	3.28	3.11	3.21	1968
1969	3.06	3.07	3.04	3.33	3.30	3.22	3.23	3.25	3.24	3.24	3.24	3.13	3.20	1969
1970	3.07	3.08	3.07	3.28	3.30	3.21	---	3.20	3.20	---	3.25	3.12	---	1970
1971	3.06	3.06	3.07	3.32	3.31	3.25	3.24	3.25	3.27	3.27	3.25	3.13	3.20	1971
1972	3.06	3.08	3.08	3.32	3.36	---	---	---	---	---	---	---	---	1972
MOYEN	3.07	3.08	3.08	3.27	3.31	3.25	3.26	3.23	3.23	3.25	3.25	3.13	3.20	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 52 40
LONG 74 28 44

BASSIN VERSANT, 40.7 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SEIZE ILES (LAC DES) - STATION NO 02LC035

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1967	---	---	---	1967
1968	---	3.48 LE 2 AVR	3.05 LE 8 MAR	1968
1969	---	3.58 LE 19 AVR *	3.02 LE 17 JAN *	1969
1970	---	---	---	1970
1971	---	3.48 LE 6 MAI	3.03 LE 4 FEV	1971
1972	---	---	---	1972

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SHIPSHAW (RIVIERE) AU RESERVOIR DNATCHIWAY - STATION NO 02RH004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEB	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	36.22	34.15	32.16	30.62	32.16	34.40	35.06	36.10	36.42	36.60	36.69	36.71	34.60	1965
1966	36.68	33.29	31.42	28.73	30.15	35.15	35.26	35.29	35.74	37.07	37.15	37.11	34.35	1966
1967	36.22	33.95	31.30	30.25	32.69	36.62	36.21	35.29	34.03	34.45	35.27	34.70	34.25	1967
1968	33.66	31.82	29.78	28.78	33.93	33.61	33.44	33.76	34.78	34.11	34.01	33.72	32.90	1968
1969	31.07	29.59	27.78	26.65	31.47	36.29	36.62	36.23	35.90	35.48	36.60	35.78	33.40	1969
1970	35.62	33.42	30.80	28.81	32.29	35.07	36.56	37.17	37.04	36.61	36.48	37.17	34.65	1970
1971	36.63	35.03	32.67	30.66	33.44	36.53	36.20	36.26	37.24	37.31	37.28	37.34	35.56	1971
1972	36.51	---	30.38	---	29.66	36.13	36.37	35.60	35.28	---	36.85	---	---	1972
1973	36.41	34.15	31.15	28.68	35.85	37.40	37.29	37.27	37.12	36.97	37.02	37.24	35.56	1973
1974	36.31	34.20	---	---	---	---	36.65	---	---	37.14	37.34	37.39	---	1974
1975	36.62	34.12	30.58	28.65	29.71	33.22	34.43	35.85	35.84	35.89	36.25	37.00	33.66	1975
1976	36.48	34.64	30.95	31.70	36.28	37.03	36.18	35.67	36.14	---	35.53	35.33	---	1976
1977	34.26	32.42	28.10	27.87	34.85	36.71	36.91	36.97	36.20	36.53	35.93	36.49	34.34	1977
1978	35.85	33.16	28.84	26.22	30.81	34.76	36.24	35.80	34.85	35.32	36.14	37.00	33.78	1978
1979	36.12	33.62	30.78	29.78	35.73	36.67	36.47	36.01	35.34	36.27	36.97	37.40	35.13	1979
1980	36.61	33.71	30.38	28.13	33.73	34.76	36.17	37.03	36.99	---	---	---	---	1980
MOYEN	35.67	33.42	30.57	28.68	32.88	35.80	35.85	35.95	35.91	36.07	36.37	36.46	34.38	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 274.320 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 48 53 25
LONG 71 02 20

BASSIN VERSANT, 1 740 km²
REGULARISE

DONNEES FOURNIES PAR -
LA COMPAGNIE PRICE LIMITEE

SHIPSHAW (RIVIERE) AU RESERVOIR DNATCHIWAY - STATION NO 02RH004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	37.02 LE 27 SEP	28.92 LE 2 MAI	1965
1966	---	37.27 LE 11 NOV	27.19 LE 24 AVR	1966
1967	---	37.19 LE 18 JUN	29.95 LE 30 AVR	1967
1968	---	36.05 LE 13 SEP	27.05 LE 16 AVR	1968
1969	---	37.27 LE 25 NOV	25.91 LE 14 AVR	1969
1970	---	37.41 LE 24 JUL	25.38 LE 21 AVR *	1970
1971	---	37.43 LE 12 DEC	29.91 LE 28 AVR	1971
1972	---	---	---	1972
1973	---	37.48 LE 10 JUN	27.34 LE 16 AVR	1973
1974	---	---	---	1974
1975	---	37.44 LE 1 JAN	26.41 LE 17 AVR	1975
1976	---	---	---	1976
1977	---	37.05 LE 15 JUN	27.01 LE 18 AVR	1977
1978	---	37.09 LE 29 DEC	25.62 LE 1 AVR	1978
1979	---	37.47 LE 5 DEC *	28.11 LE 19 AVR	1979
1980	---	37.40 LE 3 JAN	27.31 LE 10 AVR	1980

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 274.320 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SHIPSHAW (RIVIERE) AU RESERVOIR PIPMUACAN - STATION NO 02RH005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1987	---	92.14	---	89.95	---	---	---	---	92.12	---	93.68	---	---	1987
MOYEN	---	92.14	---	89.95	---	---	---	---	92.12	---	93.68	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 19 48 LONG 70 58 42 — BASSIN VERSANT 277 km² REGULARISE — DONNEES FOURNIES PAR - LA COMPAGNIE PRICE LIMITEE

SIMARD (LAC) A LAFORCE - STATION NO 02JB012

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1955	262.85	262.05	261.78	261.84	263.22	262.39	262.83	262.07	261.68	262.53	263.45	262.95	262.43	1955
1956	262.38	262.38	261.70	260.82	262.80	263.31	263.58	263.49	263.57	263.60	263.41	263.10	262.83	1956
1957	262.87	262.78	---	261.17	263.28	---	263.53	263.33	263.18	263.36	263.50	263.51	---	1957
1958	263.45	263.05	262.00	261.10	262.26	262.83	262.71	262.30	262.36	---	263.40	262.87	---	1958
1959	262.76	262.14	261.51	261.24	262.99	263.45	262.77	261.87	262.26	262.82	263.53	263.52	262.57	1959
1960	263.44	262.52	261.80	261.14	263.59	263.54	263.52	263.54	263.08	262.38	262.12	262.78	262.83	1960
1961	262.80	262.34	---	---	263.51	262.78	---	---	---	---	---	---	---	1961
1978	262.77	261.66	---	---	---	---	263.38	---	---	---	---	---	---	1978
MOYEN	262.93	262.41	261.74	261.18	263.02	263.05	263.13	262.77	262.69	262.94	263.24	263.15	262.67	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 32 08 LONG 78 43 50 — BASSIN VERSANT 23 400 km² REGULARISE — DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SIMARD (LAC) A LAFORCE - STATION NO 02JB012

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1955	---	---	---	1955
1956	---	263.57 LE 6 NOV	260.91 LE 6 AVR	1956
1957	---	263.89 LE 16 JUL	257.39 LE 21 JUN *	1957
1958	---	---	---	1958
1959	---	---	---	1959
1960	---	263.63 LE 14 NOV	260.80 LE 12 AVR	1960
1961	---	263.86 LE 15 MAI *	260.88 LE 15 AVR	1961
1978	---	---	---	1978

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SIMON (LAC) - STATION NO 02LD007

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1974	---	---	---	---	---	---	---	198.08	197.86	197.93	198.19	---	---	1974
1975	---	---	---	---	---	198.45	198.16	197.94	197.80	---	---	---	---	1975
1976	---	---	---	---	---	198.46	198.37	198.32	198.17	198.04	---	---	---	1976
1977	---	---	---	---	---	198.36	198.27	198.16	198.11	198.32	---	---	---	1977
1978	---	---	---	---	---	---	---	---	---	197.92	---	---	---	1978
1979	---	---	---	198.96	198.80	198.41	198.49	198.31	198.22	198.08	198.13	198.33	---	1979
1980	198.11	197.88	197.84	198.83	1e2.50	198.23	198.25	198.32	198.15	198.31	198.45	198.09	198.23	1980
1981	---	198.01	198.88	198.93	198.81	198.66	198.37	198.22	198.34	198.11	198.26	198.07	---	1981
1982	---	---	---	---	---	198.31	198.34	198.17	197.14	198.14	198.08	---	---	1982
1983	---	198.11	198.08	198.84	198.12	198.83	---	---	197.88	197.97	198.15	198.12	---	1983
1984	198.07	198.04	198.13	198.84	198.85	---	---	---	---	197.86R	197.78R	198.15R	---	1984
1985	---	---	---	198.33	198.83	198.08	198.06	197.98	197.88	---	---	---	---	1985
MOYEN	198.08	198.01	198.18	198.71	198.73	198.40	198.28	198.17	198.08	198.05R	198.15R	198.15R	198.23	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 54 21 LONG 76 05 33 — BASSIN VERSANT 1 180 km² DEBIT NATUREL — DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

SIMON (LAC) - STATION NO 02LD007

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	198.92 LE 19 AVR *	197.78 LE 5 MAR *	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SINCENNES (LAC) AU RESERVOIR SINCENNES - STATION NO 02NB004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1962	---	---	---	---	---	---	---	---	---	---	---	0.58	---	1962
1964	0.42	0.38	0.33	0.40	0.65	0.80	0.90	1.00	1.09	1.13	0.98	0.53	0.72	1964
1965	0.37	0.27	0.20	0.23	0.53	0.73	0.76	0.84	0.89	1.04	1.09	0.64	0.63	1965
1966	0.41	0.28	0.24	0.27	0.60	0.43	0.28	0.38	0.32	0.31	0.44	0.55	0.37	1966
1967	0.31	0.23	0.18	0.19	0.48	0.76	0.86	0.99	0.92	1.17	1.43	1.15	0.73	1967
1968	0.55	0.39	0.31	0.51	0.54	0.17	0.10	0.11	0.13	---	---	---	---	1968
MOYEN	0.41	0.31	0.25	0.32	0.54	0.58	0.60	0.66	0.67	0.91	0.98	0.69	0.61	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 32 13 BASSIN VERSANT 51.8 km²
LONG 73 53 17 REGULARISE

DONNEES FOURNIES PAR -
HYDRO-QUEBEC

SINCENNES (LAC) AU RESERVOIR SINCENNES - STATION NO 02NB004

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1962	---	---	---	1962
1964	---	1.14 LE 13 SEP	0.32 LE 25 MAR	1964
1965	---	1.17 LE 18 NOV	0.19 LE 15 MAR	1965
1966	---	0.61 LE 25 MAI	0.20 LE 7 AVR	1966
1967	---	1.47 LE 30 NOV *	0.16 LE 5 AVR *	1967
1968	---	---	---	1968

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SOURIS (LAC DES) - STATION NO 02NG014

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	---	---	---	---	---	---	---	---	28.89	28.98	29.18	29.21	---	1966
1967	29.13	29.10	29.02	29.10	29.31	29.21	29.21	29.06	28.97	29.13	29.18	29.17	29.13	1967
1968	---	---	29.12	29.35	29.18	29.11	28.96	28.88	28.89	28.91	28.87	---	---	1968
1969	---	29.20	29.13	29.27	29.32	29.28	29.11	29.14	29.08	28.98	29.25	---	---	1969
1970	29.18	29.19	---	29.18	29.32	29.25	29.08	28.91	28.94	---	29.13	29.18	---	1970
1971	29.11	29.13	29.13	29.35	29.18	---	---	---	---	---	---	---	---	1971
MOYEN	29.14	29.16	29.10	29.21	29.30	29.21	29.09	29.00	28.97	29.00	29.14	29.19	29.13	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 35 05
LONG 72 59 02 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

SOURIS (LAC DES) - STATION NO. 02NG014

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	---	---	1966
1967	---	29.42 LE 4 MAI *	28.82 LE 20 SEP *	1967
1968	---	---	---	1968
1969	---	---	---	1969
1970	---	---	---	1970
1971	---	---	---	1971

PLAN DE REFRENCE - ARBITRAAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

SWAMPY BAY (RIVIERE) - STATION NO 03LD004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	29.41	---	---	---	1982
1983	---	---	28.86	28.81	29.90	29.84	29.81	29.30	29.29	29.70	29.46	---	---	1983
1984	---	---	---	28.81	29.38	30.03	29.54	29.38	29.24	29.53R	29.33R	29.18R	---	1984
1985	28.93	---	---	28.86	28.82	30.06	29.42	29.07	29.00	---	---	---	---	1985
MOYEN	28.93	---	28.86	28.83	29.37	29.97	29.52	29.25	29.19	29.54R	29.40R	29.18R	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 55 38 34
LONG 68 33 50

BASSIN VERSANT, 8 990 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

TASCHEREAU (LAC) - STATION NO 04MA007

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1970	---	---	---	---	---	---	30.47	30.37	30.45	30.48	30.48	---	---	1970
1971	---	---	---	---	---	---	30.43	30.44	---	30.52	30.57	---	---	1971
1972	---	---	---	---	30.78	30.42	30.43	30.44	---	30.52	---	---	---	1972
1973	---	---	---	---	30.83	30.81	30.52	30.47	30.58	30.84	---	---	---	1973
1974	---	---	---	---	---	---	30.51	30.50	30.64	---	---	---	---	1974
MOYEN	---	---	---	---	---	---	---	---	30.61	---	---	---	---	MOYEN
					30.81	30.52	30.48	30.45	30.57	30.55	30.51	---	---	

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 39 49
LONG 78 41 00

REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

TOULNUSTOUC (RIVIERE) AU RESERVOIR STE-ANNE - STATION NO 02TC002

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	298.94	295.64	294.63	294.42	291.96	298.47	302.02	302.26	302.25	302.34	301.88	300.07	298.81	1965
1966	296.98	293.09	288.05	283.65	286.50	298.25	301.40	301.90	301.34	301.70	302.05	300.12	296.28	1966
1967	295.12	288.63	277.02	271.48	277.93	291.01	295.63	297.80	297.54	300.88	301.57	300.31	291.26	1967
1968	297.22	293.53	287.98	280.05	287.77	294.79	297.23	298.84	299.21	299.51	300.37	299.26	294.65	1968
1969	297.13	292.55	283.76	272.38	280.52	294.68	299.12	297.83	295.97	296.21	295.89	296.31	291.88	1969
1970	292.18	289.66	285.25	277.75	284.12	292.68	294.13	293.48	292.23	294.07	293.84	292.82	290.20	1970
1971	289.14	284.12	278.68	277.04	284.97	295.11	297.42	295.56	295.04	298.00	298.47	293.95	290.86	1971
1972	290.70	286.54	281.14	271.39	275.78	289.91	298.81	298.84	298.56	299.21	299.12	298.17	290.71	1972
1973	295.91	292.19	287.23	281.41	286.96	298.44	301.00	301.27	300.95	300.62	300.95	299.88	295.60	1973
1974	295.50	290.83	286.47	280.23	279.04	295.79	300.74	300.89	300.91	300.84	300.11	299.52	294.27	1974
1975	289.32	287.76	284.44	281.38	283.46	301.21	301.80	300.76	299.97	300.65	298.77	292.36	297.65	1975
1976	288.65	286.02	282.34	280.27	288.53	299.78	299.31	300.90	301.24	300.86	300.35	297.74	293.95	1976
1977	293.62	287.95	281.83	273.99	284.63	297.55	299.71	300.15	300.59	301.59	301.66	300.60	293.74	1977
1978	286.60	290.88	283.42	275.18	285.74	297.01	300.76	301.15	300.88	301.37	300.93	297.88	294.87	1978
1979	292.90	287.27	280.15	274.84	291.53	299.88	30.24	301.41	300.35	300.93	300.29	---	---	1979
1980	291.90	285.43	---	282.77	289.63	296.51	298.95	300.20	300.54	301.52	300.93	298.91	---	1980
1981	294.81	290.57	287.85	285.65	290.90	301.00	301.44	301.34	299.35	---	---	---	---	1981
1982	---	767.94	---	277.00	283.85	295.87	299.53	299.98	300.04	---	---	---	---	1982
1983	---	---	---	---	---	298.00	300.44	---	---	299.38	295.88	293.40	---	1983
1984	288.99	283.30	277.47	276.36	281.23	291.61	291.59	290.37	290.35	290.55	291.68	292.85	287.21	1984
1985	293.67	294.02	292.38	287.57	282.92	289.90	292.76	295.83	296.87	296.17	295.91	293.93	292.89	1985
1986	290.67	286.27	279.88	277.01	287.94	293.28	295.92	297.70	299.50	301.52	---	---	---	1986
MOYEN	294.05	289.82	284.76	279.80	285.52	295.99	298.83	298.97	298.81	299.43	298.98	297.11	293.39	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 50 07 40
LONG 67 56 00

BASSIN VERSANT, 7 930 km²
REGULARISE

DONNEES FOURNIES PAR
QUEBEC NORTH SHORE PAPER COMPANY

TOULNUSTOUC (RIVIERE) AU RESERVOIR STE-ANNE - STATION NO 027C002

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	302.39 LE 3 SEP	290.63 LE 12 MAI	1965
1966	---	302.45 LE 5 NOV *	282.64 LE 13 AVR	1966
1967	---	301.83 LE 12 NOV	271.42 LE 12 AVR	1967
1968	---	300.75 LE 16 NOV	277.78 LE 14 AVR	1968
1969	---	299.34 LE 21 JUL	271.67 LE 25 AVR	1969
1970	---	294.62 LE 23 OCT	275.54 LE 21 AVR	1970
1971	---	299.50 LE 7 NOV	274.32 LE 30 MAR	1971
1972	---	299.80 LE 23 OCT	271.27 LE 3 AVR *	1972
1973	---	301.48 LE 17 AOU	278.26 LE 27 AVR	1973
1974	---	301.29 LE 29 AOU	276.04 LE 14 MAI	1974
1975	---	302.08 LE 20 JUN	290.50 LE 28 AVR	1975
1976	---	301.93 LE 14 SEP	278.44 LE 14 AVR	1976
1977	---	301.80 LE 29 NOV	272.82 LE 14 AVR	1977
1978	---	301.95 LE 1 NOV	278.59 LE 1 AVR	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	293.04 LE 18 DEC	275.86 LE 2 MAI	1984
1985	---	297.21 LE 11 OCT	276.28 LE 13 MAI	1985
1986	---	301.76 LE 19 OCT	275.86 LE 1 AVR	1986

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

TRENTE ET UN MILLES (LAC DES) A PONT-COMFORT - STATION NO 02LH019

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	---	---	---	---	---	162.27	162.14	162.14	162.06	162.01	162.06	162.22	---	1966
1967	162.14	162.07	162.02	162.15	162.36	162.29	162.44	162.19	162.13	162.21	162.50	162.43	162.25	1967
1968	162.28	162.19	162.07	162.35	162.28	162.11	162.00	161.95	161.96	161.97	161.97	162.02	162.10	1968
1969	162.10	162.16	162.27	162.43	162.64	162.57	162.31	162.23	162.13	162.07	162.13	162.16	162.27	1969
1970	162.18	162.19	162.16	162.14	162.43	162.45	162.27	162.13	161.92	161.87	161.92	162.00	162.14	1970
1971	162.05	162.11	162.10	162.13	162.46	162.30	162.14	162.03	161.98	161.96	161.92	161.97	162.10	1971
1972	162.06	162.10	162.13	162.20	162.65	162.57	162.57	162.32	162.13	161.98	162.00	162.00	162.23	1972
1973	161.99	162.02	162.11	162.40	162.38	162.36	162.26	162.10	161.95	161.78	161.69	161.71	162.06	1973
1974	161.74	161.78	161.81	162.09	162.61	162.55	162.33	161.99	161.79	161.72	161.78	161.86	162.01	1974
1975	161.84	161.81	161.77	161.90	162.27	162.18	161.89	161.86	161.84	161.49	161.48	161.52	161.78	1975
1976	161.57	161.62	161.73	162.34	162.46	162.35	162.10	161.86	161.65	161.61	161.57	161.56	161.87	1976
1977	161.67	161.55	161.67	162.09	162.10	161.90	161.75	161.62	161.64	161.55	161.57	161.72	161.72	1977
1978	161.79	161.93	162.11	162.35	162.52	162.23	162.14	162.17	162.18	162.18	162.18	162.24	162.17	1978
1979	162.31	162.33	162.28	162.60	162.59	162.42	162.28	162.23	162.24	162.21	162.12	162.13	162.31	1979
1980	162.08	161.95	161.93	162.31	162.34	162.30	162.20	162.19	162.15	162.23	162.22	162.08	162.16	1980
1981	161.93	161.91	162.23	162.42	162.39	162.36	162.30	162.30	162.26	162.02	161.94	161.97	162.17	1981
1982	161.97	161.97	161.89	162.00	162.26	---	---	---	---	---	---	---	---	1982
MOYEN	161.98	161.98	162.02	162.24	162.42	162.33	162.20	162.07	161.98	161.93	161.94	161.97	162.09	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 46 05 12 BASSIN VERSANT 337 km²
LONG 75 50 58 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

TRENTE ET UN MILLES (LAC DES) A PONT-COMFORT - STATION NO 02LH019

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	---	---	1966
1967	---	162.53 LE 14 NOV	162.01 LE 4 MAR	1967
1968	---	162.42 LE 14 AVR	161.90 LE 31 AOU	1968
1969	---	162.71 LE 25 MAI	162.05 LE 11 OCT	1969
1970	---	162.52 LE 7 JUN	161.85 LE 29 SEP	1970
1971	---	162.49 LE 6 MAI	161.91 LE 15 NOV	1971
1972	---	162.73 LE 12 MAI *	161.93 LE 21 OCT	1972
1973	---	162.42 LE 8 AVR	161.68 LE 9 NOV	1973
1974	---	162.71 LE 15 MAI	161.70 LE 25 OCT	1974
1975	---	162.30 LE 11 MAI	161.46 LE 6 NOV *	1975
1976	---	162.53 LE 23 MAI	161.55 LE 1 JAN	1976
1977	---	162.20 LE 24 AVR	161.51 LE 24 SEP	1977
1978	---	162.62 LE 2 MAI	161.74 LE 1 JAN	1978
1979	---	162.66 LE 29 AVR	162.07 LE 22 NOV	1979
1980	---	162.43 LE 17 AVR	161.85 LE 8 MAR	1980
1981	---	162.47 LE 10 AVR	161.84 LE 11 FEV	1981
1982	---	---	---	1982

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

TRENTE ET UN MILLES (LAC DES) AU BARRAGE - STATION NO 02LH029

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1983	---	162.34	---	---	---	162.45	162.30	162.31	162.18	162.12	162.09	162.19	---	1983
1984	162.21	162.15	162.07	162.17	162.25	162.27	162.20	162.20	162.12	161.89R	161.84R	162.10R	162.13R	1984
1985	---	---	---	---	---	162.23	162.18	162.15	162.08	---	---	---	---	1985
MOYEN	162.21	162.25	162.07	162.17	162.25	162.32	162.24	162.22	162.13	162.01R	162.02R	162.15R	162.13R	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 46 16 34
LONG 75 48 14

BASSIN VERSANT 337 km²
REGULARISE

DONNEES FOURNIES PAR
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

TRENTE ET UN MILLES (LAC DES) AU BARRAGE - STATION NO 02LH029

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1983	---	---	---	1983
1984	---	162.32 LE 18 JUN *	161.89R LE 21 OCT *	1984
1985	---	---	---	1985

PLAN DE REFRENCE - SERVICE GEODESIQUE DU CANADA

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION
R - REVISEE DEPUIS JAN 1980

TROIS LACS (LES) - STATION NO 020D008

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1965	---	---	---	---	---	---	---	---	---	29.23	29.08	28.86	---	1965
1966	28.88	28.85	29.17	29.56	28.92	28.78	28.72	28.80	28.93	29.00	29.02	29.25	29.00	1966
1967	29.12	28.98	28.81	28.76	29.02	29.05	28.81	29.06	28.73	29.05	28.93	29.24	29.05	1967
1968	28.83	28.98	29.34	---	28.77	28.63	28.72	28.68	28.60	28.72	---	---	---	1968
1969	28.77	28.75	28.81	29.67	29.19	28.94	28.85	28.85	28.98	28.80	29.14	28.84	28.89	1969
1970	28.89	28.86	28.74	29.75	29.08	28.61	28.73	28.66	29.02	28.90	28.88	28.80	28.89	1970
1971	28.76	28.79	28.95	30.30	29.47	28.70	28.67	29.24	29.08	28.90	28.77	28.96	29.05	1971
1972	28.86	28.75	28.98	28.76	29.46	29.07	29.14	29.29	28.70	29.07	29.02	28.88	29.08	1972
1973	28.95	28.85	29.62	29.34	29.22	28.87	28.79	28.80	29.16	28.84	28.93	29.27	29.06	1973
1974	28.88	28.73	29.10	29.85	29.51	28.97	29.00	28.75	28.80	28.68	29.11	28.82	29.00	1974
1975	28.68	28.63	29.01	29.37	28.86	28.75	28.80	28.65	28.72	28.89	28.97	28.81	28.82	1975
1976	28.74	28.95	29.52	29.65	29.25	28.69	29.01	29.16	28.93	28.99	29.01	28.81	29.06	1976
1977	28.63	28.57	28.30	29.37	28.82	28.74	28.85	28.63	28.74	29.19	28.96	28.85	28.85	1977
1978	28.97	28.78	28.74	29.87	28.89	28.69	28.54	28.57	28.66	28.85	28.82	28.70	28.83	1978
1979	29.00	28.80	28.56	29.47	28.74	---	---	---	---	28.73	28.99	---	---	1979
1980	---	---	---	29.19	28.83	28.55	28.66	---	---	29.05	29.01	28.76	---	1980
1981	28.65	29.42	28.84	29.23	28.84	28.99	28.78	29.06	28.73	29.05	28.92	28.78	28.84	1981
1982	28.78	28.78	---	---	---	---	---	---	---	---	---	---	---	1982
MOYEN	28.83	28.85	29.10	29.62	29.04	28.80	28.77	28.87	28.82	28.94	28.97	28.83	28.97	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 48 20
LONG 71 54 34

BASSIN VERSANT 513 km²
REGULARISE

DONNEES FOURNIES PAR
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

TROIS LACS (LES) - STATION NO 020D008

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1965	---	---	---	1965
1966	---	30.18 LE 30 MAR	28.49 LE 8 JUL	1966
1967	---	31.14 LE 4 AVR	28.55 LE 22 SEP	1967
1968	---	---	---	1968
1969	---	31.29 LE 17 AVR	28.54 LE 12 JUL	1969
1970	---	---	---	1970
1971	---	31.35 LE 18 AVR	28.52 LE 4 FEV	1971
1972	---	32.03 LE 21 AVR *	28.52 LE 19 MAI	1972
1973	---	31.29 LE 8 AOU	28.46 LE 17 SEP	1973
1974	---	31.14 LE 18 MAR	28.54 LE 13 JUL	1974
1975	---	30.98 LE 30 AVR	28.47 LE 18 AOU	1975
1976	---	31.49 LE 20 AVR	28.46 LE 2 JUL	1976
1977	---	31.85 LE 2 AVR	28.56 LE 11 JUN	1977
1978	---	30.99 LE 16 MAR	28.43 LE 29 JUL *	1978
1979	---	31.20 LE 21 AVR	28.44 LE 27 AOU	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	30.88 LE 29 OCT	28.48 LE 9 SEP	1982

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

TROIS SAUMONS (LAC) - STATION NO 02PC02C

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	28.60	---	---	---	198
1983	---	---	---	---	---	29.46	29.46	29.40	29.38	28.63	---	---	---	1983
1984	---	---	---	---	---	29.46	29.46	29.44	29.40	28.58R	---	---	---	1984
1985	---	---	---	---	---	29.43	29.46	29.43	29.37	---	---	---	---	1985
MOYEN	---	---	---	---	---	29.45	29.46	29.42	29.39	28.60R	---	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 07 18 LONG 70 12 24 — BASSIN VERSANT, 15.0 km² — REGULARISE — DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC — R - REVISEE DEPUIS JAN 1980

TRUITE (ETANG A LA) - STATION NO 020B010

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	29.02	29.12	29.08	---	1982
1983	29.01	28.95	28.88	29.12	29.59	30.36	29.51	28.79	---	---	29.08	29.08	---	1983
1984	29.02	29.01	29.01	29.09	29.37	30.44	30.46	30.23	---	29.41R	29.18R	29.13R	---	1984
1985	29.07	29.03	29.01	29.03	29.62	30.55	30.51	30.06	29.08	---	---	---	---	1985
MOYEN	29.03	29.00	28.97	29.08	29.53	30.45	30.16	29.70	29.08	28.92R	29.13R	29.10R	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 40 43 LONG 66 47 08 — BASSIN VERSANT, 34.4 km² — REGULARISE — DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC — R - REVISEE DEPUIS JAN 1980

TRUITE (ETANG A LA) - STATION NO 020B010

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	30.66 LE 3 JUN *	28.89 LE 12 MAR *	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

TUNULIC (RIVIERE) PRES DE L'EMBOUCHURE - STATION NO 03MC001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1982	---	---	---	---	---	---	---	---	---	29.83	29.75	---	---	1982
1983	---	---	---	---	---	---	---	---	29.93	30.06	29.87	29.63	---	1983
1984	29.53	29.42	29.40	29.41	30.50	30.28	---	29.79	30.11	---	---	---	---	1984
MOYEN	29.53	29.42	29.40	29.41	30.50	30.28	---	29.79	30.02	30.00	29.81	29.63	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 57 54 38 LONG 68 22 22 — BASSIN VERSANT, 3 680 km² — DEBIT NATUREL — DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

VALOIS (LAC) - STATION NO 02PC013

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1979	---	---	---	---	---	---	---	29.31	29.38	29.25	29.12	29.06	---	1979
1980	29.06	29.06	29.04	29.12	29.26	29.26	29.32	29.32	---	29.18	28.93	---	---	1980
1981	---	---	---	---	---	29.19	29.14	29.13	29.11	28.89	28.73	28.69	---	1981
1982	28.85	28.84	28.84	28.88	29.00	29.28	29.29	29.27	29.31	---	29.03	28.88	---	1982
1983	28.95	28.93	28.92	28.93	29.26	29.33	---	---	29.28	29.17	28.94	28.81	---	1983
1984	28.89	28.89	28.88	28.95	29.17	29.31	29.31	29.31	29.29	29.17R	29.08R	29.08R	29.11R	1984
1985	---	---	---	---	---	29.30	29.23	29.17	---	---	---	---	---	1985
MOYEN	28.89	28.88	28.87	28.92	29.20	29.27	29.25	29.27	29.27	29.15R	28.97R	28.95R	29.11R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 30 39 LONG 71 19 50 — BASSIN VERSANT, 19.5 km² — REGULARISE — DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC — R - REVISEE DEPUIS JAN 1980

ALOIS (LAC) - STATION NO 02PC013

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	29 50 LE 24 MAI *	28 87 LE 12 JAN *	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

VICTORIA (LAC) - STATION NO 02JA001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1939	---	---	---	---	---	---	---	---	322 77	322 86	323 89	323 30	---	1939
1940	322 75	322 05	322 03	322 47	324 80	325 58	324 50	322 96	322 91	---	323 23	323 57	---	1940
1941	322 78	322 16	321 68	322 75	325 18	323 78	324 18	323 98	---	---	324 89	324 50	---	1941
1942	323 72	---	322 30	322 83	---	324 77	323 48	322 53	---	322 85	---	---	---	1942
1943	322 58	322 03	---	---	---	---	---	323 31	323 55	323 27	323 11	322 99	---	1943
1944	322 44	---	---	---	---	---	---	---	---	---	323 15	323 05	---	1944
1945	322 77	322 64	322 71	324 44	324 76	324 25	323 22	322 11	321 88	322 41	323 61	323 35	323 18	1945
1946	322 98	322 76	322 83	323 40	324 85	324 63	323 51	323 06	323 13	323 03	323 47	323 64	323 44	1946
1947	323 22	322 38	322 57	323 38	325 58	326 45	324 58	323 49	322 80	322 89	323 05	322 76	323 60	1947
1948	322 37	322 13	322 26	323 01	325 07	324 99	323 94	322 79	322 24	323 42	324 31	324 11	323 39	1948
1949	323 87	324 26	323 93	323 94	324 92	324 72	325 00	324 33	324 41	324 90	324 70	324 91	324 46	1949
1950	324 46	324 57	324 18	323 51	323 85	324 59	324 56	324 62	324 55	324 08	324 42	325 18	324 38	1950
1951	325 28	325 09	324 31	324 25	324 27	324 60	324 77	324 43	324 20	325 17	325 42	325 00	324 73	1951
1952	325 26	325 34	324 61	324 50	324 21	325 01	324 49	324 65	324 53	324 18	324 78	325 12	324 72	1952
1953	325 32	325 40	324 62	324 17	324 37	324 73	324 39	324 74	324 24	324 28	324 63	324 14	324 58	1953
1954	324 91	324 86	324 55	323 70	323 81	324 11	324 74	324 58	324 44	325 30	324 91	325 03	324 59	1954
1955	325 25	325 85	324 45	323 79	323 86	324 11	324 95	324 41	---	324 47	324 04	324 39	---	1955
1956	325 04	325 17	324 08	323 56	---	324 06	324 67	324 88	325 35	325 09	324 50	325 00	---	1956
1957	325 11	325 41	324 34	323 67	---	323 82	324 95	324 36	324 78	324 82	325 22	325 45	---	1957
1958	325 54	325 38	324 38	323 61	323 58	322 51	324 24	324 44	324 57	324 59	325 04	325 21	324 50	1958
1959	325 58	325 11	324 20	323 57	323 84	323 51	323 87	324 43	324 64	324 78	325 27	325 87	324 52	1959
1960	325 66	325 15	324 54	323 63	324 89	324 98	325 52	324 95	324 19	324 48	324 92	325 29	324 85	1960
1961	324 98	324 85	324 19	323 47	323 74	323 49	323 71	323 89	324 34	324 80	324 20	325 29	324 23	1961
1962	325 47	325 45	324 35	323 57	323 94	323 62	324 48	324 40	324 57	324 52	324 40	324 22	324 42	1962
1963	324 18	323 94	323 58	323 73	323 77	323 65	324 14	324 28	323 66	324 27	324 96	324 62	324 07	1963
1964	324 88	324 60	323 82	323 34	323 84	324 33	324 56	324 32	324 09	324 48	324 80	324 75	324 32	1964
1965	324 58	324 34	323 92	323 17	323 82	323 74	324 47	324 33	325 24	325 66	325 22	325 08	324 46	1965
1966	325 08	325 04	324 29	324 20	323 99	324 78	324 87	324 95	324 83	324 77	324 89	325 21	324 75	1966
1967	325 47	325 64	324 88	323 86	324 43	325 46	325 08	325 25	324 91	324 46	324 74	325 04	324 93	1967
1968	325 34	325 28	324 71	323 94	324 23	324 61	324 57	324 66	324 80	324 59	324 56	324 70	324 67	1968
1969	324 79	324 71	324 15	323 41	323 90	324 23	324 84	324 62	324 95	324 98	324 46	324 87	324 48	1969
1970	325 35	324 94	324 29	323 33	324 05	324 65	325 27	325 07	324 97	325 00	324 87	324 85	324 72	1970
1971	324 76	324 53	324 32	323 38	323 98	324 50	324 38	324 26	324 44	324 40	324 39	324 38	324 31	1971
1972	324 50	324 71	324 38	323 33	323 95	324 33	324 64	324 70	324 68	324 74	324 78	325 10	324 49	1972
1973	325 11	324 83	324 30	323 67	324 26	324 57	324 62	324 69	324 74	324 76	324 65	325 23	324 64	1973
1974	325 09	325 06	324 88	323 70	324 81	325 98	325 12	324 58	324 74	324 56	324 35	325 15	324 84	1974
1975	325 30	325 17	324 57	323 53	323 98	324 28	324 69	325 01	324 70	324 41	324 69	324 64	324 58	1975
1976	325 02	324 94	324 40	323 93	324 66	324 80	324 68	324 63	324 56	324 54	324 79	325 18	324 68	1976
1977	325 11	325 05	324 42	323 83	---	---	324 56	324 51	324 67	324 83	324 88	325 09	---	1977
1978	325 03	324 97	323 97	323 41	323 62	323 96	324 18	324 27	324 72	324 60	324 73	325 42	324 42	1978
1979	325 07	324 89	324 10	323 57	324 48	324 80	324 66	324 48	324 53	325 18	325 41	325 21	324 70	1979
1980	325 42	325 52	---	---	---	---	324 80	324 43	324 08	324 75	324 51	324 87	---	1980
1981	325 20	324 93	324 60	324 11	325 11	325 14	324 63	324 60	325 18	324 68	324 61	324 83	324 80	1981
1982	324 80	324 76	324 18	323 34	323 89	324 32	324 29	324 47	324 48	324 41	324 42	324 51	324 32	1982
1983	325 00	325 08	324 55	323 54	324 20	325 25	324 75	324 86	324 75	324 41	324 70	325 14	324 67	1983
1984	325 05	324 77	324 43	323 69	323 99	324 57	324 71	324 44	324 46	324 82R	325 06R	325 11R	324 59R	1984
1985	325 13	324 95	324 38	323 40	324 06	324 46	324 70	324 85	324 93	---	---	---	---	1985
MOYEN	324 62	324 57	324 00	323 80	324 26	324 52	324 52	324 29	324 30	324 41R	324 53R	324 68R	324 43R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 47 50 09
LONG 77 21 56

BASSIN VERSANT 9 840 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

VICTORIA (LAC) - STATION NO 02JA001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1939	---	---	---	1939
1940	---	---	---	1940
1941	---	---	---	1941
1942	---	---	---	1942
1943	---	---	---	1943
1944	---	---	---	1944
1945	---	325.21 LE 19 AVR	321.73 LE 31 AOU *	1945
1946	---	325.13 LE 31 MAI	322.72 LE 5 MAR	1946
1947	---	326.92 LE 1 JUN *	322.24 LE 22 FEV	1947
1948	---	325.41 LE 26 MAI	322.12 LE 5 FEV	1948
1949	---	325.53 LE 3 JUL	323.79 LE 14 JAN	1949
1950	---	325.20 LE 19 DEC	323.38 LE 17 AVR	1950
1951	---	325.59 LE 31 OCT	323.97 LE 28 MAR	1951
1952	---	325.77 LE 4 FEV	323.95 LE 29 OCT	1952
1953	---	325.45 LE 22 FEV	323.76 LE 25 SEP	1953
1954	---	325.62 LE 16 OCT	323.55 LE 14 AVR	1954
1955	---	---	---	1955
1956	---	---	---	1956
1957	---	---	---	1957
1958	---	325.60 LE 30 DEC	323.32 LE 16 JUN	1958
1959	---	325.82 LE 30 DEC	323.26 LE 30 JUN	1959
1960	---	325.64 LE 3 JAN	323.46 LE 13 AVR	1960
1961	---	325.54 LE 26 DEC	323.26 LE 7 JUL	1961
1962	---	325.54 LE 17 FEV	323.37 LE 18 JUN	1962
1963	---	325.21 LE 15 NOV	323.29 LE 18 JUN	1963
1964	---	324.93 LE 21 JAN	323.12 LE 11 AVR	1964
1965	---	325.79 LE 25 OCT	323.09 LE 18 AVR	1965
1966	---	325.45 LE 17 DEC	323.78 LE 31 MAR	1966
1967	---	325.75 LE 23 JUN	323.68 LE 14 AVR	1967
1968	---	325.46 LE 24 JAN	323.80 LE 5 MAI	1968
1969	---	325.24 LE 14 OCT	323.26 LE 12 AVR	1969
1970	---	325.41 LE 11 JAN	323.17 LE 20 AVR	1970
1971	---	324.86 LE 1 JAN	323.26 LE 16 AVR	1971
1972	---	325.18 LE 28 DEC	323.19 LE 22 AVR	1972
1973	---	325.33 LE 28 DEC	323.54 LE 15 AVR	1973
1974	---	326.45 LE 7 JUN	323.52 LE 21 AVR	1974
1975	---	325.37 LE 24 JAN	323.34 LE 18 AVR	1975
1976	---	325.29 LE 11 DEC	323.73 LE 14 AVR	1976
1977	---	---	---	1977
1978	---	325.80 LE 5 DEC	323.24 LE 22 AVR	1978
1979	---	325.71 LE 3 NOV	323.39 LE 13 AVR	1979
1980	---	---	---	1980
1981	---	325.89 LE 28 MAI	323.84 LE 1 AVR	1981
1982	---	324.85 LE 5 JAN	323.14 LE 18 AVR	1982
1983	---	325.56 LE 10 JUN	323.44 LE 10 AVR	1983
1984	---	325.17 LE 1 JAN	323.50 LE 11 AVR	1984
1985	---	325.17 LE 2 JAN	323.27 LE 18 AVR	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

VILLEBON (LAC) - STATION NO 03AC010

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1968	---	---	---	---	---	---	---	29.18	---	---	28.91	---	---	1968
1970	---	---	---	---	---	---	---	---	---	29.22	---	---	---	1970
1971	---	---	---	---	29.44	29.10	29.06	29.06	28.97	---	---	---	---	1971
MOYEN	---	---	---	---	29.44	29.10	29.06	29.12	28.97	29.22	28.91	---	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 48 01 52
LONG 77 20 28 REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

VINCELOTTE (LAC) A SON EXUTOIRE SUD - STATION NO 03DC004

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1984	---	428.43R	429.77R	430.84R	430.14R	429.11R	428.28R	428.16R	428.45R	---	---	---	---	1984
MOYEN	---	428.43R	429.77R	430.84R	430.14R	429.11R	428.28R	428.16R	428.45R	---	---	---	---	MOYEN

PLAN DE REFERENCE - SERVICE GEODESIQUE DU CANADA

LOCATION - LAT 54 14 25
LONG 72 28 00

BASSIN VERSANT 6 890 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

WASWANIPI (RIVIERE) AU LAC WASWANIPI - STATION NO 03AB001

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1949	---	---	---	---	---	---	---	---	---	---	22.11	---	---	1949
1951	---	---	---	---	23.30	22.52	22.12	21.85	21.82	22.46	22.85	22.78	---	1951
1952	22.10	21.85	21.32	21.49	23.37	23.47	22.97	23.33	22.94	22.76	22.36	22.59	22.53	1952
1953	22.25	21.83	21.88	23.11	24.17	22.96	22.09	21.85	21.81	22.23	21.86	---	---	1953
1954	21.83	21.27	21.12	21.43	24.04	23.41	---	---	21.87	22.59	22.33	22.38	---	1954
1955	22.03	21.72	21.41	21.72	23.58	22.85	21.98	21.83	21.86	22.20	22.54	22.33	22.16	1955
1956	21.81	---	21.38	21.41	22.90	24.58	23.05	22.55	22.93	23.20	22.33	21.82	---	1956
1957	21.76	21.50	21.38	21.52	23.53	23.33	23.48	22.77	22.47	22.62	22.77	22.82	22.50	1957
1958	---	22.01	---	21.73	22.88	23.03	22.86	22.28	22.78	22.87	22.49	22.17	---	1958
1959	21.72	---	21.40	21.37	---	23.78	22.69	22.18	22.41	---	---	---	---	1959
1960	---	21.80	21.85	21.87	---	---	---	---	22.51	22.22	---	---	---	1960
1961	---	21.58	---	---	---	---	21.98	---	---	---	---	---	---	1961
1963	---	---	---	---	---	---	23.18	---	---	---	---	---	---	1963
1964	---	21.58	21.59	---	---	22.91	23.78	---	---	---	22.37	---	---	1964
1965	---	---	21.85	21.55	---	---	---	---	---	---	---	---	---	1965
MOYEN	21.90	21.66	21.46	21.69	23.46	23.29	22.74	22.26	22.31	22.57	22.40	22.43	22.39	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 49 39 05
LONG 76 29 40

BASSIN VERSANT 22 500 km²
DEBIT NATUREL

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

WASWANIPI (RIVIERE) AU LAC WASWANIPI STATION NO 03AB001

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1949	---	---	---	1949
1951	---	---	---	1951
1952	---	---	---	1952
1953	---	23.80 LE 18 MAI	21.23 LE 2 AVR *	1953
1954	---	---	---	1954
1955	---	---	---	1955
1956	---	23.85 LE 11 MAI *	21.30 LE 8 AVR	1956
1957	---	---	---	1957
1958	---	23.85 LE 11 MAI	21.26 LE 16 AVR	1958
1959	---	---	---	1959
1960	---	---	---	1960
1961	---	---	---	1961
1963	---	---	---	1963
1964	---	---	---	1964
1965	---	---	---	1965

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

WATERLOO (LAC) A WATERLOO - STATION NO 020G038

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	---	---	---	---	---	208.14	---	---	208.24	---	1977
1978	---	---	208.20	208.50	208.25	208.26	208.15	208.19	208.17	208.29	208.26	208.24	---	1978
1979	208.32	208.24	208.44	208.39	208.23	208.20	208.00	208.14	208.27	208.23	208.32	208.33	208.26	1979
1980	208.18	208.02	---	---	208.22	---	---	---	---	---	---	208.28	---	1980
1981	208.12	208.35	208.16	208.32	208.24	208.31	208.13	208.25	208.24	208.33	208.34	208.29	208.26	1981
1982	208.26	208.20	208.24	208.46	208.16	208.06	208.03	208.07	208.12	208.11	---	208.19	---	1982
1983	208.15	208.16	208.18	208.18	208.21	208.11	208.03	208.05	208.01	208.06	---	---	---	1983
1984	208.03	208.13	207.98	208.03	208.20	208.13	208.16	208.13	208.13	---	208.17R	208.18R	---	1984
1985	---	208.14	208.12	208.15	208.16	208.14	208.15	208.10	208.11	---	---	---	---	1985
MOYEN	208.18	208.18	208.19	208.29	208.21	208.17	208.09	208.13	208.15	208.20	208.27R	208.25R	208.26	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 20 15
LONG 72 31 00

BASSIN VERSANT 38.1 km²
REGULARISE

DONNEES FOURNIES PAR -
MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

WATERLOO (LAC) A WATERLOO - STATION NO 020G038

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	208.83 LE 28 MAR *	207.82 LE 26 JUL *	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	208.70 LE 28 OCT	208.04 LE 3 AOU	1982
1983	---	---	---	1983
1984	---	---	---	1984
1985	---	---	---	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

WATERLOO (LAC) EN AMONT DU BARRAGE - STATION NO. 020G044

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1984	---	---	---	---	---	---	---	---	---	---	---	208.13R	---	1984
1985	208.08	208.07	208.03	208.05	208.09	207.97	208.08	208.04	208.03	---	---	---	---	1985
MOYEN	208.08	208.07	208.03	208.05	208.09	207.97	208.08	208.04	208.03	---	---	208.13R	---	MOYEN

PLAN DE REFERENCE - ARBITRAIRE
AJOUTER 107.873 m POUR OBTENIR LES COTES GEODESIQUES

LOCATION - LAT 45 21 02 BASSIN VERSANT, 39.1 km²
LONG 72 31 00 REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

WATERLOO (LAC) EN AMONT DU BARRAGE - STATION NO. 020G044

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1984	---	---	---	1984
1985	---	208.26 LE 27 FEV *	207.67 LE 22 JUN *	1985

PLAN DE REFRENCE - ARBITRAIRE
AJOUTER 107.873 m POUR OBTENIR LES COTES GEODESIQUES

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

YAMASKA (RIVIERE) - STATION NO. 020G005

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1966	---	---	---	---	---	---	---	---	---	---	28.02	---	---	1966
1967	---	---	---	---	---	---	25.97	26.00	25.64	26.04	26.14	25.97	---	1967
1968	26.95	27.06	27.29	27.37	27.47	27.34	27.44	27.12	26.70	26.75	27.52	27.48	27.21	1968
1969	27.36	27.39	27.42	27.69	27.62	27.52	27.46	27.34	27.21	26.78	27.59	27.22	27.38	1969
1970	26.95	27.16	27.12	27.63	27.28	27.09	27.30	26.80	27.08	27.54	27.50	27.48	27.22	1970
1971	27.46	27.42	27.64	27.85	27.35	27.10	26.78	27.25	27.26	27.46	27.38	27.40	27.36	1971
1972	27.14	26.87	27.18	27.76	27.31	27.56	27.85	27.46	27.00	27.48	27.60	27.44	27.37	1972
1973	27.49	27.32	27.65	27.82	27.29	---	---	---	---	---	27.50	27.75	---	1973
1974	27.62	27.17	27.30	27.53	---	27.08	27.21	---	---	---	27.23	27.15	---	1974
1975	27.09	27.00	27.28	27.42	---	---	26.87	---	---	27.10	27.21	---	---	1975
1976	---	---	---	27.34	27.21	27.00	27.17	27.07	---	---	---	27.11	---	1976
1977	27.00	26.99	27.48	---	---	---	26.97	26.97	27.10	27.38	27.21	27.15	---	1977
1978	27.18	27.09	27.13	27.68	---	---	---	---	---	27.09	27.07	27.05	---	1978
1979	27.24	27.12	27.53	27.30	27.05	---	---	27.02	27.14	27.02	27.15	27.19	---	1979
1980	27.02	26.93	27.10	27.22	27.11	26.98	27.02	---	---	27.14	27.20	27.18	---	1980
1981	27.00	27.42	27.20	27.22	27.13	27.13	---	---	---	---	---	---	---	1981
1982	---	---	---	27.43	26.92	26.86	26.82	26.89	26.91	---	---	---	---	1982
1983	---	---	27.32	27.32	27.27	26.98	26.85	26.85	26.83	26.89	27.25	27.29	---	1983
1984	26.95	27.19	27.11	27.18	27.10	26.98	26.93	26.93	26.92	26.89R	26.99R	27.05R	27.02R	1984
1985	26.98	27.00	27.26	27.25	26.99	26.92	26.94	---	---	---	---	---	---	1985
MOYEN	27.16	27.14	27.31	27.45	27.22	27.12	27.03	26.96	26.89	27.05R	27.15R	27.19R	27.26R	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 37 17 BASSIN VERSANT, 3 370 km²
LONG 72 57 03 REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

R - REVISEE DEPUIS JAN 1980

YAMASKA (RIVIERE) - STATION NO. 020G005

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1966	---	---	---	1966
1967	---	---	---	1967
1968	---	28.18 LE 24 MAR	26.10 LE 12 SEP	1968
1969	---	28.47 LE 11 AVR	26.36 LE 2 OCT	1969
1970	---	27.89 LE 19 AVR	25.92 LE 21 AOU	1970
1971	---	28.35 LE 12 DEC	25.88 LE 14 JUL *	1971
1972	---	28.54 LE 9 AOU *	26.36 LE 16 SEP	1972
1973	---	---	---	1973
1974	---	---	---	1974
1975	---	---	---	1975
1976	---	---	---	1976
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	---	---	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	---	---	1983
1984	---	27.80 LE 21 FEV	26.86 LE 13 JUN	1984
1985	---	---	---	1985

PLAN DE REFRENCE - ARBITRAIRE

* - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

YAMASKA NORD (RIVIERE) AU RESERVOIR CHOINIERE - STATION NO 020G009

NIVEAUX MOYENS MENSUELS ET ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	JAN	FEV	MAR	AVR	MAI	JUN	JUL	AOU	SEP	OCT	NOV	DEC	MOYEN	ANNEE
1977	---	---	---	143 27	143 32	143 26	143 29	---	143 08	143 52	143 38	143 37	---	1977
1978	142 99	142 38	139 90	141 13	143 31	143 37	143 15	142 69	142 07	142 11	142 64	142 57	142 36	1978
1979	142 82	140 97	140 76	142 89	---	---	142 43	141 93	142 52	141 48	---	142 67	---	1979
1980	142 99	141 78	140 85	142 64	143 36	---	---	---	143 18	143 28	---	143 26	---	1980
1981	142 33	142 26	143 25	143 42	143 35	143 30	142 85	142 88	142 75	143 00	143 44	143 16	142 99	1981
1982	142 71	141 83	140 88	143 42	143 01	142 08	141 34	140 47	140 22	139 52	139 78	141 22	141 37	1982
1983	142 30	142 78	142 78	143 33	143 44	143 14	142 38	141 55	140 70	140 28	141 72	143 46	142 32	1983
1984	142 87	142 56	141 87	142 80	143 37	143 26	143 00	142 71	142 89	142 18A	142 15A	142 78A	142 71A	1984
1985	143 09	141 71	141 47	143 01	143 30	142 98	142 80	142 03	141 34	---	---	---	---	1985
MOYEN	142 78	142 05	141 48	142 87	143 31	143 08	142 53	142 18	142 07	141 73P	142 19P	142 21P	142 35P	MOYEN

PLAN DE REFERENCE - ARBITRAIRE

LOCATION - LAT 45 25 09 BASSIN VERSANT 151 km²
LONG 72 37 30 REGULARISE

DONNEES FOURNIES PAR - MINISTERE DE L'ENVIRONNEMENT DU QUEBEC

P - REVISEE DEPUIS JAN 1980

YAMASKA NORD (RIVIERE) AU RESERVOIR CHOINIERE - STATION NO 020G009

NIVEAUX EXTREMES ANNUELS EN METRES POUR TOUTE LA PERIODE D'OBSERVATION

ANNEE	NIVEAU MAXIMUM INSTANTANE	NIVEAU MAXIMUM QUOTIDIEN	NIVEAU MINIMUM QUOTIDIEN	ANNEE
1977	---	---	---	1977
1978	---	---	---	1978
1979	---	143 61 LE 21 JUN	139 51 LE 27 MAR	1979
1980	---	---	---	1980
1981	---	---	---	1981
1982	---	---	---	1982
1983	---	143 72 LE 29 OCT	141 56 LE 1 FEV	1983
1984	---	143 85 LE 19 AVR	139 34 LE 1 NOV +	1984
1985	---	144 06 LE 15 DEC +	140 12 LE 2 NOV	1985
		143 48 LE 31 MAI	141 03 LE 21 MAR	
		143 43 LE 2 JAN	140 87 LE 26 MAR	

PLAN DE REFRENCE - ARBITRAIRE

+ - EXTREMES ENREGISTRES POUR TOUTE LA PERIODE D'OBSERVATION

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ACHIGAN (RIVIERE DE L') ECHELLE NO.1	020B012	3
ACHIGAN (RIVIERE DE L') ECHELLE NO.2	020B013	3
ACHIGAN (RIVIERE DE L') ECHELLE NO.3	020B014	3
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CHAUDIERE (RIVIERE) AU RESERVOIR SARTIGAN	02PJ015	18
CHAUDIERE (RIVIERE) EN AVAL DU BARRAGE A MEGANTIC	02PJ012	18
CHAUDIERE (RIVIERE) EN AVAL DU BARRAGE SARTIGAN	02PJ014	19
CHAUDIERE (RIVIERE) EN AVAL DU RUISSEAU DROLET	02PJ002	19
CHIBOUGAMAU (LAC) DANS LA BAIE DU COMMENCEMENT	03AA006	19
CHIBOUGAMAU (LAC) DANS LA BAIE OUEYLUS	03AA007	20
CHICOUTIMI (RIVIERE) AU RESERVOIR KENOGAMI	02RH002	21
CHIENS (RIVIERE AUX) PRES DE BOISBRIAND	020A032	22
CINCONSINE (RUISSEAU) AU RESERVOIR CINCONSINE	02NE009	23
COATICOOK (RIVIERE) EN AMONT DU PONT A WATERVILLE	02SE040	23
COATICOOK (RIVIERE) PRES DE NORTH-COATICOOK	020E010	24
CORNU (LAC) AU BARRAGE-CORNU	02LC012	25
COXIPI (RIVIERE) A LA SORTIE DU LAC COXIPI	02XB002	26
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GATINEAU (RIVIERE) AU RESERVOIR BASKATONG	02LG007	40
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NOM	STATION NO	PAGE
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